

Feed Check Sample No. - 200732 Dry Cat Food
 Association of American Feed Control Officials

- Pass 1 Results for 189 Labs - - Pass 2 Results for 189 Labs -

Method	AOAC 18th	Method Code	No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups	No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups
Urea, Misc		000.99	1	0.35500	0.04950	0.07000	1	0.35500	0.04950	0.07000
Loss on Drying, Vac 95 deg 5 hr	934.01	001.00	8	6.32938	0.31563	0.12625	8	6.32938	0.31563	0.12625
Loss on Drying, ISO 6496		001.03	5	6.22500	0.09606	0.03000	4	6.24375	0.09561	0.01250
Loss on Drying, LECO		001.05	1	6.27500	0.00707	0.01000	1	6.27500	0.00707	0.01000
Loss on Drying, 104 deg 3 hr, in malt ..	935.29	001.07	38	6.15412	0.30911	0.12976	36	6.16476	0.29227	0.09225
Loss on Drying, Misc		001.99	15	6.38910	0.38357	0.14460	15	6.38910	0.38357	0.14460
Method Group 001.XX PCT			67	6.23475	0.32866	0.12343	64	6.24458	0.32107	0.10250
Protein, Crude	954.01	002.00	3	32.6633	0.13079	0.20667	3	32.6633	0.13079	0.20667
Protein, Auto Kjel-Foss	976.05	002.01	6	32.6177	0.26864	0.19167	6	32.6177	0.26864	0.19167
Protein, Semiauto Autoanalyzer	976.06	002.02	7	32.3186	0.73533	0.16943	8	32.1413	0.83881	0.15825
Protein, Hach Method		002.03	3	33.3467	0.66584	0.18000	3	33.3467	0.66584	0.18000
Protein, Copper Cat	984.13	002.04	6	32.2425	0.59782	0.28500	6	32.2425	0.59782	0.28500
Protein, Copper, Boric Acid		002.05	18	32.7135	0.33407	0.08986	17	32.7172	0.34168	0.07750
Protein, Combustion Nitrogen Analyzer ..	990.03	002.06	117	33.0274	0.44056	0.20681	110	33.0357	0.42325	0.15652
Protein, Cu/Ti	988.05	002.08	4	32.2179	0.36567	0.10875	4	32.2179	0.36567	0.10875
Protein, Block dig/distillation		002.10	8	32.5300	0.51483	0.20000	8	32.5300	0.51483	0.20000
Protein, NIR		002.11	10	32.7350	0.76313	0.07600	9	32.7039	0.79906	0.05444
Protein, Misc		002.99	5	32.9100	0.49378	0.28400	5	32.9100	0.49378	0.28400
Method Group 002.XX PCT			187	32.8742	0.53063	0.18842	178	32.8738	0.52826	0.15553
Fat, Eth Ext, Direct	920.39	003.00	21	7.33812	0.31242	0.09167	21	7.33812	0.31242	0.09167
Fat, Ind Eth Ext (13th ed), Indirect ..	920.39	003.01	2	7.11250	0.15735	0.19500	2	7.11250	0.15735	0.19500
Fat, In Fish Meal	948.04	003.04	1	7.72500	0.00707	0.01000	1	7.72500	0.00707	0.01000
Fat, Pet Ether		003.06	25	7.30440	0.23028	0.13280	24	7.30854	0.22868	0.11792
Fat, Soxtec, Eth Ext		003.09	16	7.34890	0.33572	0.08498	15	7.28316	0.22093	0.08465
Fat, Soxtec, Pet Ether		003.10	28	7.22727	0.25789	0.10835	26	7.18379	0.19545	0.09630
Fat, NIR		003.11	10	9.22800	0.56378	0.09200	12	9.47292	0.75974	0.07917
Fat, Hexane Ext.		003.12	3	7.27667	0.18705	0.10667	3	7.27667	0.18705	0.10667
Fat, Soxtec, Hexane Ext.		003.13	3	7.42733	0.21224	0.29067	3	7.42733	0.21224	0.29067
Fat, Ankom		003.14	11	7.29432	0.22644	0.08682	11	7.29432	0.22644	0.08682
Fat, Misc		003.99	7	7.79571	1.25489	0.25714	8	8.33563	1.61917	0.16375
Method Group 003.XX PCT			127	7.47879	0.66688	0.11737	122	7.46087	0.66490	0.10382
Fiber, Crude Asbestos Free	962.09	004.00	29	2.34509	0.38655	0.13010	28	2.33063	0.38263	0.11689
Fiber, Sing Filt		004.01	1	2.79500	0.16263	0.23000	1	2.79500	0.16263	0.23000
Fiber, Fritted Glass	978.10	004.03	2	2.83000	0.32270	0.12000	2	2.83000	0.32270	0.12000
Fiber, Fibertec		004.06	31	2.55995	0.39870	0.14208	31	2.55995	0.39870	0.14208
Fiber, ANKOM		004.07	40	2.37350	0.45706	0.10950	36	2.30042	0.38922	0.08694
Fiber, NIR		004.11	10	2.51350	0.36657	0.05100	10	2.51350	0.36657	0.05100
Fiber, Misc		004.99	4	2.63000	0.64893	0.09000	4	2.63000	0.64893	0.09000
Method Group 004.XX PCT			117	2.44800	0.43242	0.11878	112	2.42447	0.41557	0.10846

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Ash,	942.05	005.00	114	6.89718	0.09329	0.05448	106	6.89718	0.08827	0.04393
Ash, LECO		005.02	1	6.99500	0.02121	0.03000	1	6.99500	0.02121	0.03000
Ash, NIR		005.11	5	6.75800	0.14359	0.04800	5	6.75800	0.14359	0.04800
Ash, Misc		005.99	12	6.94417	0.09179	0.04833	12	6.94417	0.09179	0.04833
Method Group 005.XX PCT			132	6.89692	0.09983	0.05349	124	6.89690	0.09628	0.04440
Fiber, Acid Detergent	973.18	008.02	12	4.11750	0.99953	0.20833	12	4.11750	0.99953	0.20833
Fiber, Acid Detergent-Hach		008.05	1	3.80000	0.14142	0.20000	1	3.80000	0.14142	0.20000
Fiber, Acid Detergent by ANKOM		008.08	17	3.91176	0.87460	0.17412	17	3.91176	0.87460	0.17412
Fiber, Acid Detergent Misc		008.99	6	3.50917	1.00986	0.17833	6	3.50917	1.00986	0.17833
Method Group 008.XX PCT			36	3.91014	0.93782	0.18694	36	3.91014	0.93782	0.18694
Fiber, Neutral Det-No ENZ Pretreat		009.04	1	13.5700	1.24451	1.76000	1	13.5700	1.24451	1.76000
Fiber, Neutral Det-ENZ Pretreat		009.07	12	10.1346	2.38464	0.33917	12	10.1346	2.38464	0.33917
Fiber, Neutral Detergent by ANKOM		009.09	13	11.2688	1.71287	0.29615	12	11.1175	1.68921	0.23167
Fiber, Neutral Det Misc		009.99	2	10.3200	0.30952	0.35000	2	10.3200	0.30952	0.35000
Method Group 009.XX PCT			28	10.7971	2.08275	0.37071	27	10.7124	2.07025	0.34481
Moisture, Karl-Fischer	966.20	010.03	1	6.53500	0.45962	0.65000	1	6.53500	0.45962	0.65000
Moisture, NIR		010.11	10	6.18150	0.31738	0.03100	10	6.18150	0.31738	0.03100
Moisture, Misc		010.99	14	6.28146	0.34007	0.14064	14	6.28146	0.34007	0.14064
Method Group 010.XX PCT			25	6.25162	0.33598	0.11716	25	6.25162	0.33598	0.11716
Loss on Drying, 135 deg 2 hr	930.15	011.01	69	6.70092	0.25490	0.07555	64	6.68769	0.23722	0.06209
Loss on Drying, High Temp Methods, Misc		011.99	4	6.55750	0.47587	0.06500	5	6.40200	0.53272	0.06400
Method Group 011.XX PCT			73	6.69306	0.27092	0.07497	68	6.68004	0.25618	0.06226
Starch, Polarimetric (Ewers)		012.00	9	30.6083	1.93253	0.25667	8	30.6781	2.03213	0.12625
Starch, Megazyme		012.01	1	26.5150	1.90212	2.69000	1	26.5150	1.90212	2.69000
Starch, Enzymatic		012.03	2	29.0450	1.56662	0.72000	2	29.0450	1.56662	0.72000
Starch, YSI Analyzer		012.04	6	28.6267	2.22454	0.62667	6	28.6267	2.22454	0.62667
Starch, NIR		012.11	5	33.2650	1.95772	0.09800	5	33.2650	1.95772	0.09800
Method Group 012.XX PCT			23	30.3550	2.67264	0.46478	22	30.3689	2.72967	0.42682
Fat, Mojonnier, Bak Ext	954.02	013.02	33	10.4532	0.50907	0.17464	32	10.4289	0.49473	0.16134
Fat, Soxtec-Acid Hydrolysis		013.10	17	10.0113	0.35033	0.11935	16	9.97792	0.32885	0.09993
Fat, NIR-Acid Hydrolysis		013.12	1	10.0700	0.00000	0.00000	1	10.0700	0.00000	0.00000
Fat, Ankon-Acid Hydrolysis		013.13	1	10.3925	0.12092	0.17100	1	10.3925	0.12092	0.17100
Fat, Pretreat or extended ext, misc ...		013.99	3	9.89333	0.47234	0.11333	3	9.89333	0.47234	0.11333
Method Group 013.XX PCT			55	10.2780	0.50202	0.15096	53	10.2550	0.48977	0.13722
Aluminum, ICP		015.00	11	25.5412	6.04045	2.21055	10	25.4853	6.06222	1.27160
Method Group 015.XX PPM			11	25.5412	6.04045	2.21055	10	25.4853	6.06222	1.27160
Boron, ICP		017.00	6	6.86583	0.83260	0.61167	6	6.86583	0.83260	0.61167
Boron, Misc		017.99	1	10.0900	0.15556	0.22000	1	10.0900	0.15556	0.22000
Method Group 017.XX PPM			7	7.32643	1.39973	0.55571	7	7.32643	1.39973	0.55571

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Cadmium, ICP		018.02	3	0.10867	0.11397	0.03433	3	0.10867	0.11397	0.03433
Method Group 018.XX PPM			3	0.10867	0.11397	0.03433	3	0.10867	0.11397	0.03433
Calcium, Ox-Mn04 Vol	927.02	019.00	13	1.25199	0.07379	0.02042	13	1.25199	0.07379	0.02042
Calcium, At Abs Spect	968.08	019.01	48	1.27942	0.06329	0.02245	45	1.27866	0.05866	0.01770
Calcium, Semiauto (Autoanalyzer)		019.03	4	1.33963	0.03980	0.03175	4	1.33963	0.03980	0.03175
Calcium, ICP, Dry Ash.....		019.05	39	1.26884	0.06060	0.01864	38	1.26933	0.06078	0.01650
Calcium, EDTA		019.08	5	1.33700	0.03683	0.03400	5	1.33700	0.03683	0.03400
Calcium, ICP, Wet Ash		019.09	24	1.30247	0.07508	0.03475	23	1.30127	0.07506	0.03017
Calcium, Misc		019.99	6	1.29000	0.08807	0.04367	6	1.29000	0.08807	0.04367
Method Group 019.XX PCT			139	1.28213	0.06820	0.02491	134	1.28181	0.06684	0.02196
Chromium, AA.....		020.00	2	3.45525	0.53267	0.83750	2	3.45525	0.53267	0.83750
Chromium, ICP		020.01	8	2.62706	0.76077	0.33738	8	2.62706	0.76077	0.33738
Chromium, Misc		020.99	3	3.12333	0.77794	0.27333	3	3.12333	0.77794	0.27333
Method Group 020.XX PPM			13	2.86900	0.78123	0.39954	13	2.86900	0.78123	0.39954
Cobalt, AA	968.08	021.01	4	1.76738	0.55027	0.32725	4	1.76738	0.55027	0.32725
Cobalt, ICP		021.02	15	1.86555	0.68983	0.16223	15	1.86555	0.68983	0.16223
Cobalt, Misc.		021.99	3	2.19667	1.32486	0.39333	3	2.19667	1.32486	0.39333
Method Group 021.XX PPM			22	1.89285	0.76854	0.22375	22	1.89285	0.76854	0.22375
Copper, AA	968.08	022.01	25	27.3320	2.03020	1.31068	23	27.3630	1.90789	0.90726
Copper, ICP, Dry Ash	968.08	022.03	30	27.0489	2.82616	1.50953	28	26.8917	2.72273	1.15307
Copper, ICP, Wet Ash	968.08	022.05	24	28.0402	2.34803	0.88625	22	27.7543	1.90946	0.79136
Copper, Misc		022.99	4	27.8150	4.02566	0.90500	4	27.8150	4.02566	0.90500
Method Group 022.XX PPM			83	27.4577	2.55117	1.24028	77	27.3269	2.37410	0.96342
Iodine, Elm-Cald	935.14	024.01	1	0.98500	0.14849	0.21000	1	0.98500	0.14849	0.21000
Iron, AA	968.08	025.01	21	207.135	18.9185	4.14048	20	208.141	18.7596	3.64750
Iron, ICP, Dry Ash	968.08	025.03	28	202.386	15.7671	6.39779	27	201.623	15.1762	5.36807
Iron, ICP, Wet Ash	968.08	025.05	22	209.239	20.8479	7.45091	21	208.512	20.2405	5.28190
Iron, Misc		025.99	4	215.775	8.11179	10.4900	4	215.775	8.11179	10.4900
Method Group 025.XX PPM			75	206.440	18.2230	6.29291	72	206.229	17.8238	5.14956
Lead,		026.00	1	0.28500	0.12021	0.17000	1	0.28500	0.12021	0.17000
Magnesium, AA	968.08	027.01	24	0.16393	0.01019	0.00488	23	0.16388	0.00992	0.00379
Magnesium, ICP, Dry Ash	968.08	027.03	33	0.16003	0.00703	0.00238	28	0.16093	0.00638	0.00095
Magnesium, ICP, Wet Ash	968.08	027.05	22	0.16098	0.00858	0.00465	21	0.16088	0.00830	0.00363
Magnesium, Misc.		027.99	4	0.16025	0.01178	0.00760	4	0.16025	0.01178	0.00760
Method Group 027.XX PCT			83	0.16142	0.00877	0.00396	76	0.16178	0.00844	0.00290
Manganese, AA	968.08	028.01	21	34.3081	3.11625	1.50667	19	34.3405	2.93041	0.82316
Manganese, ICP, Dry Ash	968.08	028.03	29	34.7441	1.92830	0.85931	28	34.7707	1.93672	0.78286
Manganese, ICP, Wet Ash	968.08	028.05	23	36.1089	2.40168	1.60739	22	36.1270	2.35316	1.38500
Manganese, Misc.		028.99	4	36.7600	1.80893	0.48000	4	36.7600	1.80893	0.48000

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Method Group 028.XX PPM			77	35.1376	2.55002	1.23961	73	35.1765	2.46441	0.95822
Mercury,		029.00	1	0.00350	0.00071	0.00100	1	0.00350	0.00071	0.00100
Mercury, Misc		029.99	1	0.00700	0.00141	0.00200	1	0.00700	0.00141	0.00200
Method Group 029.XX PPM			2	0.00525	0.00222	0.00150	2	0.00525	0.00222	0.00150
Phosphorus, Vol	964.06	031.00	1	1.12300	0.00990	0.01400	1	1.12300	0.00990	0.01400
Phosphorus, Photometric	965.17	031.01	50	1.16605	0.03671	0.01412	47	1.16430	0.03298	0.01161
Phosphorus, GQMP (2.028)	964.06	031.02	3	1.18357	0.01728	0.01767	3	1.18357	0.01728	0.01767
Phosphorus, Autoanalyzer		031.03	6	1.17483	0.07897	0.02000	5	1.19580	0.06585	0.00800
Phosphorus, ICP		031.05	61	1.15754	0.05183	0.02204	59	1.15832	0.05092	0.01889
Phosphorus, Hach Method		031.06	1	1.14000	0.01414	0.02000	1	1.14000	0.01414	0.02000
Phosphorus, Misc		031.99	8	1.13381	0.05891	0.01638	8	1.13381	0.05891	0.01638
Method Group 031.XX PCT			130	1.16035	0.04836	0.01837	124	1.16070	0.04632	0.01547
Potassium, AA	975.03	032.01	22	0.69372	0.05026	0.01064	22	0.69372	0.05026	0.01064
Potassium, Flame Emission	956.01	032.02	7	0.69751	0.04574	0.01601	7	0.69751	0.04574	0.01601
Potassium, ICP		032.05	53	0.68757	0.03928	0.01787	50	0.68699	0.03794	0.01485
Potassium, Misc		032.99	2	0.65750	0.01500	0.01500	2	0.65750	0.01500	0.01500
Method Group 032.XX PCT			84	0.68930	0.04271	0.01575	81	0.68900	0.04210	0.01381
Salt, Sol Cl	943.01	033.00	14	0.79287	0.06844	0.01947	13	0.78694	0.06647	0.01482
Salt, Poten Cl	969.10	033.01	29	0.87435	0.05631	0.01240	28	0.87415	0.05702	0.01070
Salt, Quantab		033.03	4	0.85750	0.03732	0.01500	4	0.85750	0.03732	0.01500
Salt, Ion Sel Electrode		033.05	1	0.85000	0.01414	0.02000	1	0.85000	0.01414	0.02000
Salt, Misc		033.99	3	0.78167	0.16786	0.08333	3	0.78167	0.16786	0.08333
Method Group 033.XX PCT			51	0.84473	0.07768	0.01886	49	0.84350	0.07868	0.01678
Selenium, Fluor	969.06	034.01	2	0.49175	0.00479	0.00650	2	0.49175	0.00479	0.00650
Selenium, AA, Hydride		034.04	3	0.47500	0.00846	0.01133	3	0.47500	0.00846	0.01133
Selenium, ICP		034.05	1	0.48600	0.03677	0.05200	1	0.48600	0.03677	0.05200
Method Group 034.XX PPM			6	0.48242	0.01502	0.01650	6	0.48242	0.01502	0.01650
Sodium, AA		035.00	25	0.48488	0.03683	0.00942	25	0.48488	0.03683	0.00942
Sodium, Ion Sel Electrode		035.01	3	0.48955	0.00696	0.00530	3	0.48955	0.00696	0.00530
Sodium, ICP		035.03	50	0.47332	0.02637	0.01147	49	0.47355	0.02645	0.01093
Sodium, Flame Emission	956.01	035.05	10	0.47950	0.04414	0.01188	9	0.47863	0.04592	0.00813
Sodium, Misc		035.99	3	0.49500	0.03886	0.00333	3	0.49500	0.03886	0.00333
Method Group 035.XX PCT			91	0.47842	0.03216	0.01048	89	0.47851	0.03231	0.00978
Sulfur, (Gravimetric)		036.00	1	0.44500	0.04950	0.07000	1	0.44500	0.04950	0.07000
Sulfur, ICP		036.03	20	0.40898	0.02738	0.00926	20	0.40898	0.02738	0.00926
Sulfur, LECO		036.04	2	0.40000	0.00816	0.01000	2	0.40000	0.00816	0.01000
Method Group 036.XX PCT			23	0.40977	0.02780	0.01197	23	0.40977	0.02780	0.01197
Zinc, AA	968.08	037.01	24	172.500	12.3030	4.81350	23	172.000	11.3334	3.02278
Zinc, ICP, Dry Ash	968.08	037.03	31	170.141	10.7872	4.25877	29	170.578	10.7150	3.23524

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Zinc, ICP, Wet Ash	968.08	037.05	24	176.435	12.0611	3.58333	24	176.435	12.0611	3.58333
Zinc, Misc		037.99	4	168.753	6.79879	3.24000	4	168.753	6.79879	3.24000
Method Group 037.XX PPM			83	172.576	11.6963	4.17477	80	172.653	11.3721	3.27882
Molybdenum, ICP		038.00	6	2.02417	0.15180	0.06167	6	2.02417	0.15180	0.06167
Molybdenum, Misc		038.99	1	2.50000	0.14142	0.20000	1	2.50000	0.14142	0.20000
Method Group 038.XX PPM			7	2.09214	0.22560	0.08143	7	2.09214	0.22560	0.08143
Nickel, AA		039.01	1	2.00000	0.14142	0.20000	1	2.00000	0.14142	0.20000
Nickel, ICP		039.02	4	2.16088	0.50514	0.14625	4	2.16088	0.50514	0.14625
Method Group 039.XX PPM			5	2.12870	0.45308	0.15700	5	2.12870	0.45308	0.15700
Barium, ICP		040.00	1	7.39500	0.03536	0.05000	1	7.39500	0.03536	0.05000
Vanadium, ICP		041.00	1	0.08025	0.00601	0.00850	1	0.08025	0.00601	0.00850
Ethoxyquin, Misc		057.99	1	0.00195	0.00007	0.00010	1	0.00195	0.00007	0.00010
Choline Chloride, Chem		101.01	1	1001.00	48.0833	68.0000	1	1001.00	48.0833	68.0000
Niacin, Chem	961.14	102.00	1	63.7900	0.96167	1.36000	1	63.7900	0.96167	1.36000
Riboflavin, Fluorometric	970.65	104.00	1	4.97000	0.02828	0.04000	1	4.97000	0.02828	0.04000
Thiamine, HPLC		105.00	1	13.0550	1.29401	1.83000	1	13.0550	1.29401	1.83000
Thiamine,	942.23	105.01	1	7.15000	0.09899	0.14000	1	7.15000	0.09899	0.14000
Method Group 105.XX MG/LB			2	10.1025	3.49062	0.98500	2	10.1025	3.49062	0.98500
Vitamin A, Color	974.29	106.00	1	9.05000	0.21213	0.30000	1	9.05000	0.21213	0.30000
Vitamin A, HPLC		106.02	13	7.56427	2.64147	0.34685	12	7.68879	2.70950	0.27408
Method Group 106.XX KU/LB			14	7.67039	2.57177	0.34350	13	7.79350	2.62539	0.27608
Vitamin B12,	952.20	107.00	1	29.3000	0.28284	0.40000	1	29.3000	0.28284	0.40000
Vitamin D3, HPLC		108.02	3	7.27300	6.37234	0.60800	3	7.27300	6.37234	0.60800
Method Group 108.XX KU/LB			3	7.27300	6.37234	0.60800	3	7.27300	6.37234	0.60800
Vitamin E, HPLC		109.02	6	74.3969	13.2784	2.60608	6	74.3969	13.2784	2.60608
Vitamin E, Misc		109.99	1	55.5000	2.12132	3.00000	1	55.5000	2.12132	3.00000
Method Group 109.XX MG/KG			7	71.6973	14.0223	2.66236	7	71.6973	14.0223	2.66236
Pyridoxine, (Vitamin B6)	961.15	112.00	1	14.7500	0.91924	1.30000	1	14.7500	0.91924	1.30000
Biotin, Microbiological		114.01	1	0.15950	0.00071	0.00100	1	0.15950	0.00071	0.00100
Alanine, Post-col Ninhydrin Der	994.12	120.00	6	2.25308	0.11083	0.03717	6	2.25308	0.11083	0.03717
Alanine, Pre-col AQC Der		120.05	1	2.23500	0.02121	0.03000	1	2.23500	0.02121	0.03000
Method Group 120.XX PCT			7	2.25050	0.10233	0.03614	7	2.25050	0.10233	0.03614
Arginine, Post-col Ninhydrin Der	994.12	121.00	7	1.85054	0.10210	0.02567	7	1.85054	0.10210	0.02567
Arginine, Pre-col AQC Der		121.05	1	1.97500	0.00707	0.01000	1	1.97500	0.00707	0.01000
Method Group 121.XX PCT			8	1.86609	0.10414	0.02371	8	1.86609	0.10414	0.02371
Aspartic, Post-col Ninhydrin Der	994.12	122.00	7	2.57270	0.12609	0.03726	7	2.57270	0.12609	0.03726
Aspartic, Pre-col AQC Der		122.05	1	2.46000	0.00000	0.00000	1	2.46000	0.00000	0.00000
Method Group 122.XX PCT			8	2.55861	0.12354	0.03260	8	2.55861	0.12354	0.03260
Cysteine/Cystine, PAO Post-col Ninhydrin Der	994.12	124.00	7	0.52749	0.12045	0.02871	7	0.52749	0.12045	0.02871

Feed Check Sample No. - 200732 Dry Cat Food
 Association of American Feed Control Officials

- Pass 1 Results for 189 Labs - - Pass 2 Results for 189 Labs -

Method	AOAC 18th	Method Code	No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups	No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups
Method Group 124.XX PCT			7	0.52749	0.12045	0.02871	7	0.52749	0.12045	0.02871
Glutamic, Post-col Ninhydrin Der	994.12	125.00	7	5.88898	0.20453	0.08710	6	5.83548	0.15326	0.05162
Glutamic, Pre-col AQC Der		125.05	1	5.70500	0.00707	0.01000	1	5.70500	0.00707	0.01000
Method Group 125.XX PCT			8	5.86598	0.20052	0.07746	7	5.81684	0.14874	0.04567
Glycine, Post-col Ninhydrin Der	994.12	126.00	7	1.97695	0.12376	0.02239	7	1.97695	0.12376	0.02239
Glycine, Pre-col AQC Der		126.05	1	2.08500	0.03536	0.05000	1	2.08500	0.03536	0.05000
Method Group 126.XX PCT			8	1.99046	0.12133	0.02584	8	1.99046	0.12133	0.02584
Histidine, Post-col Ninhydrin Der	994.12	127.00	7	0.72275	0.03972	0.02821	6	0.72821	0.03438	0.01625
Histidine, Pre-col AQC Der		127.05	1	0.76500	0.00707	0.01000	1	0.76500	0.00707	0.01000
Method Group 127.XX PCT			8	0.72803	0.03973	0.02594	7	0.73346	0.03439	0.01536
Isoleucine, Post-col Ninhydrin Der	994.12	128.00	7	1.25116	0.08433	0.03087	7	1.25116	0.08433	0.03087
Isoleucine, Pre-col AQC Der		128.05	1	1.31500	0.02121	0.03000	1	1.31500	0.02121	0.03000
Method Group 128.XX PCT			8	1.25914	0.08166	0.03076	8	1.25914	0.08166	0.03076
Leucine, Post-col Ninhydrin Der	994.12	129.00	6	3.45459	0.11147	0.01972	6	3.45459	0.11147	0.01972
Leucine, Pre-col AQC Der		129.05	1	3.41000	0.00000	0.00000	1	3.41000	0.00000	0.00000
Method Group 129.XX PCT			7	3.44822	0.10381	0.01690	7	3.44822	0.10381	0.01690
L-Lysine, Post-col Ninhydrin Der	994.12	130.00	6	1.32577	0.03554	0.01880	6	1.32577	0.03554	0.01880
L-Lysine, Pre-col AQC Der		130.05	1	1.35500	0.00707	0.01000	1	1.35500	0.00707	0.01000
Method Group 130.XX PCT			7	1.32994	0.03443	0.01754	7	1.32994	0.03443	0.01754
Methionine, PAO Post-col Ninhydrin Der	994.12	131.00	6	0.63178	0.04347	0.01648	6	0.63178	0.04347	0.01648
Methionine, PAO Pre-col AQC Der		131.05	1	0.66000	0.00000	0.00000	1	0.66000	0.00000	0.00000
Method Group 131.XX PCT			7	0.63581	0.04128	0.01413	7	0.63581	0.04128	0.01413
Phenylalanine, Post-col Ninhydrin Der .	994.12	132.00	6	1.60303	0.03057	0.01572	6	1.60303	0.03057	0.01572
Phenylalanine, Pre-col AQC Der		132.05	1	1.63500	0.00707	0.01000	1	1.63500	0.00707	0.01000
Method Group 132.XX PCT			7	1.60759	0.03049	0.01490	7	1.60759	0.03049	0.01490
Proline, Post-col Ninhydrin Der	994.12	133.00	5	2.53702	0.06774	0.03892	5	2.53702	0.06774	0.03892
Proline, Pre-col AQC Der		133.05	1	2.44000	0.28284	0.40000	1	2.44000	0.28284	0.40000
Method Group 133.XX PCT			6	2.52085	0.11160	0.09910	6	2.52085	0.11160	0.09910
Serine, Post-col Ninhydrin Der	994.12	134.00	7	1.53709	0.12382	0.03439	7	1.53709	0.12382	0.03439
Serine, Pre-col AQC Der		134.05	1	1.64000	0.02828	0.04000	1	1.64000	0.02828	0.04000
Method Group 134.XX PCT			8	1.54996	0.12073	0.03509	8	1.54996	0.12073	0.03509
Threonine, Post-col Ninhydrin Der	994.12	135.00	7	1.18287	0.07354	0.02777	7	1.18287	0.07354	0.02777
Threonine, Pre-col AQC Der		135.05	1	1.24000	0.01414	0.02000	1	1.24000	0.01414	0.02000
Method Group 135.XX PCT			8	1.19001	0.07128	0.02680	8	1.19001	0.07128	0.02680
Tryptophan, Alka-Hydrol Post-col Ninhyd	988.15	136.00	1	0.31050	0.00212	0.00300	1	0.31050	0.00212	0.00300
Tryptophan, Alka-Hydrol Rev Phase LC UV		136.01	3	0.31857	0.03579	0.00253	3	0.31857	0.03579	0.00253
Tryptophan, Misc		136.99	1	0.30000	0.00000	0.00000	1	0.30000	0.00000	0.00000
Method Group 136.XX PCT			5	0.31324	0.02778	0.00212	5	0.31324	0.02778	0.00212
Tyrosine, Post-col Ninhydrin Der	994.12	137.00	6	1.19948	0.11781	0.03047	6	1.19948	0.11781	0.03047

Feed Check Sample No. - 200732 Dry Cat Food
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- Pass 1 Results for 189 Labs - - Pass 2 Results for 189 Labs -

Method	AOAC 18th	Method Code	No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups	No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups
Tyrosine, Pre-col AQC Der		137.05	1	1.06000	0.00000	0.00000	1	1.06000	0.00000	0.00000
Method Group 137.XX PCT			7	1.17956	0.11963	0.02611	7	1.17956	0.11963	0.02611
Valine, Post-col Ninhydrin Der	994.12	138.00	7	1.51854	0.10617	0.03383	7	1.51854	0.10617	0.03383
Valine, Pre-col AQC Der		138.05	1	1.55500	0.00707	0.01000	1	1.55500	0.00707	0.01000
Method Group 138.XX PCT			8	1.52310	0.09964	0.03085	8	1.52310	0.09964	0.03085
Taurine, Post-col Ninhydrin Der	994.12	139.00	5	0.12329	0.02375	0.00514	5	0.12329	0.02375	0.00514
Method Group 139.XX PCT			5	0.12329	0.02375	0.00514	5	0.12329	0.02375	0.00514
Aflatoxin, Neogen Vera-Tox		300.01	1	0.15000	0.07071	0.10000	1	0.15000	0.07071	0.10000

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
-- Method 000.99 --			-- Method 001.07 --			-- Method 001.99 --			-- Method 002.03 --			-- Method 002.06 --		
265	0.3550	.71	178	6.3000	.58	505	6.3550	-.17	681	32.710	-.96	590	33.950	2.19
			571	6.3200	.53	629	6.2350	-.53				039	33.801	1.81
-- Method 001.00 --			083	6.3000	.49	630	6.1600	-.63	-- Method 002.04 --			511	33.720	1.62
596	6.8500	1.72	038	6.2250	.47	615	6.1150	-.72	504	33.015	1.30	190	33.705	1.58
504	6.5850	.84	199	6.3000	.46	631	6.0900	-.78	596	32.750	.85	016	33.650	1.49
509	6.4850	.50	413	6.2500	.34	729	5.4750	-2.41	728	32.455	.71	029	33.595	1.37
169	6.4350	.35	639	6.2550	.31	541	5.2450 s	-3.12	Avg	32.243		541	33.600	1.35
Avg	6.3294		142	6.2000	.12				591	32.015	-.39	185	33.450	1.08
309	6.2000	-.41	689	6.2000	.12	-- Method 002.00 --			509	31.635	-1.10	345	33.475	1.05
016	6.1200	-.69	Avg	6.1648		015	32.670	1.38	405	31.585	-1.10	108	33.110 R	.94
029	6.0600	-.99	693	6.1550	-.04	679	32.665	.27				006	33.415	.90
720	5.9000	-1.36	139	6.1350	-.10	Avg	32.663		-- Method 002.05 --			650	33.395	.87
			187	6.1100	-.19	199	32.655	-.73	651	33.743 s	3.00	616	33.385	.86
-- Method 001.03 --			675	6.0800	-.36				722	33.374	1.92	510	33.400	.86
663	6.3600	1.22	588	6.0700	-.37	-- Method 002.01 --			663	33.085	1.10	074	33.355	.85
567	6.2900	.48	669	6.0600	-.40	672	32.765	1.19	622	33.088	1.09	121	33.335	.84
Avg	6.2438		045	6.0350	-.44	710	32.910	1.09	028	32.900	.53	096	33.380	.82
688	6.2000	-.46	679	6.0000	-.56	723	32.755	.67	177	32.855	.42	049	33.365	.81
686	6.1500 R	-1.11	616	5.9450	-.75	Avg	32.618		552	32.820	.31	036	33.375	.80
731	6.1250	-1.25	353	5.9450	-.83	714	32.481	-.51	658	32.798	.24	646	33.350	.78
			065	5.8700	-1.05	731	32.545	-.54	596	32.750	.17	164	33.365	.78
-- Method 001.05 --			015	5.8850	-1.05	653	32.250	-1.38	178	32.750	.17	013	33.335	.77
610	6.2750	-.71	640	5.7550 R	-1.60				Avg	32.717		520	33.360	.77
			609	5.6000	-1.93	-- Method 002.02 --			621	32.710	-.09	504	33.250	.73
-- Method 001.07 --			591	5.3850	-2.67	712	33.545	1.69	305	32.665	-.20	205	33.305	.69
345	7.1100 s	3.24	177	5.3450	-2.81	639	32.975	.99	354	32.615	-.30	171	33.300	.67
307	6.1700 R	1.98	618	4.3700 s	-6.55	669	32.470	.41	620	32.635	-.31	003	33.295	.63
089	6.6150	1.54				Avg	32.319		350	32.613	-.31	242	33.280	.58
049	6.5100	1.24	-- Method 001.99 --			152	32.035	-.13	689	32.650 R	-.48	106	33.260	.58
074	6.4550	1.01	665	7.0950	1.84	042	32.030	-.16	083	32.550	-.51	589	33.225	.52
559	6.4150	1.01	560	6.8250	1.27	036	31.940	-.25	625	32.020	-2.07	670	33.250	.52
048	6.4450	.99	573	6.7715	1.00	169	31.235	-1.09	194	31.965	-2.20	021	33.235	.50
512	6.4140	.85	612	6.6200	.61	048	31.160 S	-1.40	179	31.934 s	-2.35	160	33.240	.49
581	6.4050	.84	681	6.5150	.54	187	30.900 S	-1.48				363	33.240	.48
590	6.2650	.78	096	6.4500	.42				-- Method 002.06 --			609	33.235	.47
550	6.3825	.75	357	6.4100	.08	-- Method 002.03 --			168	34.790 s	4.58	065	33.220	.45
278	6.3750	.72	Avg	6.3891		265	34.150	1.21	018	34.155	2.65	119	33.180	.44
004	6.3400	.60	672	6.3800	-.02	Avg	33.347		014	33.715 R	2.23	354	33.215	.42
035	6.3400	.60	405	6.3400	-.14	686	33.180	-.34	032	33.965	2.20	001	33.090 X	.42

* X=Excluded from lab performance S/s=Screened Outlier R=Duplicate Range too large A=Analysis beyond 3-s limits

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 002.06	--	--	Method 002.06	--	--	Method 002.08	--	--	Method 002.99	--	--	Method 003.06	--
138	33.210	.42	559	32.850	-.45	563	32.785	1.55	527	32.300	-1.26	229	7.8200	2.24
413	33.200	.39	645	33.000	-.48	Avg	32.218					688	7.6000	1.27
682	33.200	.39	571	32.827	-.53	208	32.150	-.23	--	Method 003.00	--	689	7.5500	1.24
202	33.185	.36	100	32.815	-.60	062	31.972	-.68	509	12.165 s	15.45	640	7.4450	1.11
139	33.185	.36	567	32.800	-.61	160	31.965	-.76	615	10.585 s	10.39	588	7.5100	.92
233	33.070	.34	588	32.795	-.61				032	10.090 s	8.81	074	7.3100	.92
122	33.165	.32	027	32.760	-.65	--	Method 002.10	--	190	7.9250	1.88	684	7.4750	.73
144	33.165	.31	687	32.750	-.69	629	33.050	1.02	033	7.7350	1.27	185	7.3850	.64
672	33.150	.29	596	32.750	-.69	546	32.995	.90	194	7.6800	1.09	581	7.3700	.44
098	33.100	.28	626	32.745	-.77	675	32.885	.69	563	7.6500	1.00	122	7.3650	.29
175	33.100	.28	038	32.700	-.79	596	32.750	.44	048	7.5800	.79	552	7.3250	.13
026	33.150	.27	009	32.695	-.81	688	32.650	.25	187	7.5400	.66	Avg	7.3085	
529	33.055	.23	660	32.725	-.83	Avg	32.530		152	7.5400	.66	621	7.2800	-.15
051	33.055	.21	226	32.750	-.90	727	32.310	-.63	309	7.4900	.60	169	7.2650	-.22
089	33.120	.20	358	32.755	-.98	631	31.970	-1.13	212	7.4450	.50	658	7.3000	-.22
017	33.110	.18	539	32.680	-1.00	729	31.630	-1.80	616	7.4800	.48	294	7.2700	-.24
417	33.080	.13	263	32.601	-1.03				164	7.4350	.31	148	7.2300	-.34
512	33.080	.13	011	33.000 R	-1.18	--	Method 002.11	--	Avg	7.3381		682	7.2300	-.34
610	33.050	.12	353	32.535	-1.18	553	34.435	2.17	354	7.2900	-.20	669	7.2850	-.43
035	33.070	.11	674	32.630 R	-1.31	011	33.350	.81	132	7.2150	-.58	199	7.2050	-.48
Avg	33.036		630	32.415	-1.47	713	33.015 R	.42	015	7.1550	-.63	425	7.1950	-.50
278	33.000	-.08	042	32.405	-1.49	588	32.950	.31	596	7.1000	-.76	731	7.1750	-.59
425	33.005	-.09	673	32.400	-1.50	724	32.755	.06	142	7.1000	-.76	009	7.1700	-.64
676	33.030	-.10	726	32.705 R	-1.51	Avg	32.704		726	7.1000	-.76	625	7.2050 R	-1.16
010	33.005	-.11	615	32.375	-1.56	178	32.650	-.09	179	7.0905	-.86	574	6.8550	-2.04
229	32.975	-.16	212	32.605 R	-1.62	548	32.405	-.37	353	6.9050	-1.40	559	6.7900	-2.27
407	32.970	-.16	693	32.425	-1.62	672	32.100	-.76	265	6.8500	-1.57			
037	32.975	-.19	208	32.350	-1.66	688	31.900	-1.01	026	6.7950	-1.74	--	Method 003.07	--
019	32.975	-.21	720	32.505 R	-1.70	631	31.790	-1.14				028	9.8150 S	.00
148	32.940	-.23	294	32.310	-1.72	665	30.455 S	-2.81	--	Method 003.01	--			
309	32.950	-.23	692	32.300	-1.80	640	29.755 S	-3.69	511	7.1950	1.06	--	Method 003.09	--
598	32.920	-.30	004	32.250	-1.91				Avg	7.1125		004	10.430 s	14.24
357	33.005	-.30	550	32.278	-1.92	--	Method 002.99	--	504	7.0300	-.61	714	8.9060 s	7.35
505	32.915	-.30	045	32.250	-1.95	047	35.270 S	4.84				723	8.3350 A	4.77
618	32.968	-.31	179	32.123	-2.16	640	33.540	1.40	--	Method 003.04	--	590	7.5700	1.31
034	32.895	-.33	142	32.000	-2.45	573	33.225	.75	681	7.7250	.71	226	7.5000 X	1.08
199	32.905	-.34	132	31.960	-2.54	Avg	32.910					673	7.5000	1.08
300	32.975	-.39	574	31.045 s	-4.75	725	32.875	-.12				029	7.5050	1.02
110	32.950	-.43				643	32.610	-.62				630	7.4450	.75

* X=Excluded from lab performance S/s=Screened Outlier R=Duplicate Range too large A=Analysis beyond 3-s limits

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 003.09	--	--	Method 003.10	--	--	Method 003.14	--	--	Method 004.00	--	--	Method 004.06	--
674	7.3500	.66	202	7.0450	-.86	413	7.4000	.47	175	2.1900	-.37	Avg	2.5600	
722	7.3905	.49	208	7.1200	-.93	Avg	7.2943		208	2.2850	-.40	675	2.4900	-.18
651	7.3595	.35	233	6.9400	-1.25	567	7.2500	-.30	169	2.1750	-.42	027	2.4900	-.20
653	7.2850	.07	728	6.8900	-1.50	529	7.1800	-.51	015	2.2000	-.43	722	2.4495	-.36
Avg	7.2832		089	6.8400	-1.76	144	7.1500	-.64	164	2.2000	-.43	098	2.4000	-.41
354	7.2200	-.32	242	6.8350	-1.79	550	7.1275	-.76	009	2.1550	-.47	673	2.3500	-.54
013	7.1600	-.66				175	7.0900	-.95	194	2.0650	-.70	653	2.4150	-.55
305	7.0800	-.92	--	Method 003.11	--	278	6.9500	-1.54	726	2.0500	-.76	621	2.2600	-.75
358	7.0500	-1.06	553	10.795 S	1.74				199	1.8725	-1.20	688	2.2500	-.79
675	6.9300	-1.60	011	10.600 S	1.48	--	Method 003.99	--	353	1.7950	-1.41	710	2.2300	-.83
620	6.9025	-1.73	631	9.9850	.68	417	10.470 S	1.32	504	1.7600	-1.50	590	2.2300	-.86
			724	9.9200	.59	554	10.100 S	1.09	132	1.7500	-1.52	598	2.1950	-.92
--	Method 003.10	--	713	9.7500	.37	047	9.7500	.87	042	1.7200	-1.62	689	2.2000	-.94
591	9.5700 s	12.25	588	9.4950	.04	546	9.0300	.43				038	2.1400	-1.06
609	9.4400 s	11.58	Avg	9.2280		712	8.4550 R	.36	--	Method 004.01	--	670	2.1400	-1.13
679	9.3650 s	11.16	548	9.3000	-.24	Avg	7.6858		693	2.7950	.71	731	2.0450	-1.29
720	8.0150 A	4.25	178	9.2500	-.30	573	7.0350	-.81				610	2.0500	-1.33
727	7.5700 R	2.38	688	9.0000	-.64	710	7.0200	-.81	--	Method 004.03	--			
618	7.5050	1.66	672	8.6650	-1.07	725	7.0000	-.83	045	3.1000	.89	--	Method 004.07	--
629	7.4650	1.44	665	8.5850	-1.17	527	6.2800	-1.27	Avg	2.8300		278	4.9000 s	6.80
178	7.4000	1.22	640	8.3300	-1.50				679	2.5600	-.84	639	3.7850 A	3.81
119	7.4050	1.20				--	Method 004.00	--				407	3.1400	2.19
672	7.3500	1.15	--	Method 003.12	--	345	3.1500	2.15	--	Method 004.06	--	042	3.0200	1.88
639	7.3400	.84	171	7.4200	.81	596	2.8500	1.36	651	4.2025 s	4.12	581	2.9900 R	1.86
623	7.3446	.83	670	7.3600	.55	509	2.8450	1.35	658	3.6750	2.80	294	3.0050	1.81
045	7.3000	.78	Avg	7.2767		511	2.7500 R	1.28	609	3.4950	2.37	185	2.8300	1.42
520	7.3050	.65	357	7.0500	-1.24	190	2.8100	1.26	552	3.1350	1.48	610	2.8000	1.31
034	7.2750	.57				265	2.7850	1.21	354	2.9900	1.08	686	2.7700	1.26
100	7.2550	.41	--	Method 003.13	--	226	2.7000	1.00	676	2.8600	.77	708	2.7300 R	1.21
160	7.2400	.35	205	7.4970	1.23	034	2.6950	.95	205	2.8100	.64	019	2.7550	1.18
Avg	7.1838		646	7.5000	.44	048	2.5850	.69	625	2.8050	.62	074	2.6200 R	.96
062	7.1660	-.09	Avg	7.4273		309	2.5200	.67	178	2.7500	.61	643	2.6250	.84
651	7.1530	-.16	660	7.2850	-.89	171	2.5300	.52	029	2.7550	.57	089	2.5800	.72
345	7.1500	-.31				559	2.4350	.47	672	2.7000	.43	229	2.5700	.69
596	7.1000	-.43	--	Method 003.14	--	510	2.3500	.14	591	2.6400	.32	669	2.5300	.60
598	7.0950	-.46	185	7.7300	1.93	Avg	2.3306		512	2.6035	.28	033	2.4850	.47
363	7.0850	-.51	049	7.4750	1.00	425	2.3000	-.08	350	2.6305	.23	682	2.4000	.26
693	7.1300	-.58	021	7.4500	.77	563	2.2850	-.14	720	2.5900	.17	646	2.3450	.13
051	7.0450	-.75	686	7.4350 X	.62	354	2.2000	-.34	588	2.5850	.07	121	2.3400	.10

* X=Excluded from lab performance S/s=Screened Outlier R=Duplicate Range too large A=Analysis beyond 3-s limits

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 004.07 --		--	Method 004.99 --		--	Method 005.00 --		--	Method 005.00 --		--	Method 005.00 --	
Avg	2.3004		727	3.4300	1.24	567	6.9500	.82	048	6.8650	-.37	615	6.7450	-1.77
144	2.2150	-.22	554	2.9500	.50	045	6.9500	.82	138	6.8750	-.38	110	6.7350	-1.84
110	2.2200	-.23	Avg	2.6300		688	6.9500	.82	722	6.8625	-.40	169	6.7300	-1.90
100	2.1650	-.35	626	2.2850	-.53	559	6.9650	.82	625	6.8650	-.40	212	6.7200	-2.02
567	2.1600	-.36	640	1.8550	-1.19	620	6.9575	.78	160	6.8650	-.40	674	6.7300	-2.10
307	2.1500	-.41				305	6.9650	.77	539	6.8700	-.46	686	6.6950	-2.31
003	2.1450	-.41	--	Method 005.00 --		643	6.9200	.73	175	6.8700	-.46	049	6.6650	-2.63
013	2.1100	-.49	541	8.4100	s 23.90	682	6.9600	.71	205	6.8580	-.47	152	6.6500	A -2.86
028	2.1000	-.51	307	7.2700	s 4.64	693	6.9400	.66	354	6.8550	-.48	609	6.5600	s -3.88
631	2.0900	-.54	363	7.1300	s 3.27	179	6.9535	.66	710	6.8550	-.51	142	6.4000	s -5.63
004	2.0600	-.62	185	7.1050	2.36	712	6.9450	.61	144	6.8850	-.53	021	5.3600	s -17.46
035	2.0550	-.63	639	7.0500	1.79	669	6.9400	.54	265	6.8650	-.54			
021	2.0600	-.63	726	7.0500	1.74	689	6.9350	.51	026	6.8500	-.55	--	Method 005.02 --	
529	2.0300	-.70	407	7.0500	1.73	660	6.9100	.48	051	6.8500	-.55	610	6.9950	.71
032	2.0250	-.71	658	7.0075	R 1.67	171	6.9000	.45	598	6.8500	-.55			
098	2.0250	-.71	640	6.9400	R 1.66	623	6.9345	.45	505	6.8800	-.60	--	Method 005.11 --	
026	1.9950	-.78	588	7.0400	1.63	034	6.9350	.43	646	6.8650	-.63	640	8.0400	S 8.93
520	2.0000	-.83	226	7.0000	R 1.62	622	6.9342	.42	148	6.8400	-.65	588	7.6600	S 6.30
505	1.9400	-.93	294	7.0350	1.59	590	6.9300	.39	675	6.8450	-.66	178	7.5500	S 5.53
413	1.9000	-1.03	729	7.0300	1.54	100	6.9150	.35	164	6.8400	-.66	631	7.2750	S 3.60
096	1.8000	-1.31	187	7.0300	1.50	119	6.9200	.34	194	6.8350	-.71	672	6.9850	1.58
160	1.3750	-2.38	670	7.0300	1.50	108	6.9250	.32	618	6.8725	-.71	688	6.8000	.29
			679	7.0250	1.46	653	6.9100	.18	001	6.8350	-.72	Avg	6.7580	
--	Method 004.11 --		529	6.9750	1.22	550	6.9050	.11	520	6.8750	-.78	548	6.7450	-.14
548	4.3950	s 5.13	229	7.0000	1.17	121	6.9050	.11	357	6.8500	-.78	665	6.6500	-.90
672	2.9750	1.26	672	7.0000	1.16	035	6.9050	.11	178	6.8500	-.78	724	6.6100	-1.04
724	2.9700	1.25	629	7.0000	1.16	350	6.8985	.06	015	6.8550	-.79	713	6.2850	S -3.31
178	2.9500	1.20	596	6.9000	R 1.13	Avg	6.8972		616	6.8300	-.79			
688	2.6500	.40	413	6.9000	R 1.13	353	6.8950	-.06	309	6.8220	-.86	--	Method 005.99 --	
665	2.5250	.05	645	6.9000	R 1.13	358	6.8900	-.08	083	6.8250	-.87	681	7.0800	1.48
Avg	2.5135		278	6.9900	1.11	033	6.8850	-.15	199	6.8150	-.95	727	7.0400	1.09
588	2.4300	-.24	062	6.9880	1.04	027	6.8850	-.15	684	6.8300	-1.02	725	7.0050	.76
713	2.3800	-.37	504	6.9850	1.00	029	6.8850	-.15	038	6.8800	R -1.04	728	7.0000	.62
631	2.2800	-.64	510	6.9650	.99	242	6.8800	-.19	548	6.8200	-1.04	673	7.0000	.61
553	2.0350	-1.31	132	6.9700	.94	631	6.8800	-.23	720	6.8000	-1.11	096	6.9500	.55
640	1.9400	-1.57	591	6.9600	.91	651	6.8950	-.24	552	6.7900	-1.22	Avg	6.9442	
			202	6.9550	.90	650	6.8750	-.26	089	6.7850	-1.27	563	6.9150	-.32
			731	6.9650	.86	425	6.8700	-.33	630	6.7850	-1.30	574	6.9100	-.39
			098	6.9700	.82	139	6.8650	-.37	417	6.7650	-1.58	663	6.8850	-.70

* X=Excluded from lab performance S/s=Screened Outlier R=Duplicate Range too large A=Analysis beyond 3-s limits

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 005.99	--	--	Method 008.08	--	--	Method 009.09	--	--	Method 010.99	--	--	Method 011.01	--
122	6.9400	-.76	037	2.8150	-1.26	581	11.530	.26	726	6.6750	1.18	208	6.8550	.72
527	6.8300	-1.32	160	2.7700	-1.31	357	11.500	.23	047	6.6000	1.11	358	6.8300	.69
208	6.7750	-1.84	653	2.6600	-1.44	294	11.415	.18	417	6.5900	.94	175	6.7500 R	.68
						510	11.250	.12	714	6.5855	.91	233	6.8250	.62
						Avg	11.118		725	6.4700	.67	148	6.8200	.56
--	Method 008.02	--	--	Method 008.99	--	037	10.460	-.39	190	6.4950	.63	559	6.8100	.54
226	8.8500 s	4.73	307	7.3000 S	3.79	413	9.8500	-.76	037	6.4600	.53	511	6.7150 R	.54
405	6.5500	2.43	527	5.2400	1.71	278	9.8000	-.78	Avg	6.2815		132	6.8000	.52
684	4.9350	.85	358	3.7950	.32	185	9.3850	-1.03	003	6.2250	-.17	625	6.7700	.46
045	4.5500	.46	725	3.6000	.15	653	9.0150	-1.25	529	6.1600	-.36	653	6.7950	.45
098	4.4950	.39	Avg	3.5092					168	6.2750	-.57	144	6.7250	.43
148	4.2400	.12	164	3.2500	-.30	--	Method 009.99	--	673	6.0500	-.70	138	6.7750	.38
187	4.1250	.02	646	3.1700	-.34	643	10.520	.94	527	5.9900	-.86	510	6.7500	.34
Avg	4.1175		674	2.0000	-1.50	Avg	10.320		028	5.6900	-1.78	033	6.7450	.25
038	4.1100	-.09				725	10.120	-.79	727	5.6750	-1.78	026	6.7050	.24
504	3.7900	-.35	--	Method 009.04	--	--	Method 010.03	--	712	4.4400 s	-5.67	548	6.7050	.10
309	3.5650	-.56	504	15.960 S	2.24	027	6.5350	.71	--	Method 011.01	--	194	6.7050	.08
726	3.3400	-.79	Avg	13.570		Avg	6.5350		620	7.4459 A	3.20	Avg	6.6877	
675	3.1500	-.97	726	13.570	-.71	618	5.3775 S	-3.55	108	7.2700	2.46	350	6.6785	-.06
353	2.5600	-1.57				546	3.5250 S	-6.55	643	7.0500 R	1.65	202	6.6800	-.09
			--	Method 009.07	--				309	7.0500	1.54	160	6.6450	-.18
--	Method 008.05	--	226	14.500	1.83	--	Method 010.11	--	541	7.0100	1.36	650	6.6850	-.19
265	3.8000	.71	684	12.910	1.16	640	6.7450	1.78	670	6.9600	1.15	598	6.6450	-.19
			307	12.100	.83	548	6.6550	1.49	098	6.9550	1.14	552	6.6400	-.20
--	Method 008.08	--	045	11.800	.70	212	6.3300	.47	722	6.9505	1.11	100	6.6400	-.22
001	6.0850 X	2.49	693	10.155	.09	Avg	6.1815		622	6.9497	1.10	623	6.6298	-.25
510	4.7000	.93	Avg	10.135		672	6.1400	-.13	122	6.9350	1.05	171	6.6800	-.30
278	4.7000	.90	187	9.7150	-.18	631	6.1400	-.13	039	6.9100	.94	051	6.6700	-.39
354	4.5500	.73	164	9.5000	-.27	688	6.1000	-.26	651	6.9095	.94	164	6.5900	-.41
294	4.4700	.64	098	9.5400	-.28	724	6.0850	-.30	205	6.8780	.86	119	6.5700	-.50
693	4.3250	.48	309	9.2850	-.37	178	6.0500	-.44	121	6.8850	.83	354	6.5450	-.60
413	4.2000	.35	353	8.7900	-.59	713	5.9200	-.83	520	6.8600	.82	363	6.5150	-.76
049	4.0500	.21	038	8.0600	-.87	588	5.6500	-1.67	539	6.8750	.81	185	6.5000	-.80
357	3.9500	.07	675	5.2600	-2.04	553	3.9850 s	-6.92	242	6.8750	.80	675	6.4750	-.90
Avg	3.9118								179	6.8550	.75	563	6.4600	-.96
033	3.6800	-.27	--	Method 009.09	--				300	6.8400	.75	034	6.4550	-.98
026	3.6950	-.32	354	15.580	2.64				646	6.8550	.74	596	6.4000	-1.21
581	3.5150	-.47	049	13.085 R	1.21				682	6.8600	.73	591	6.3800	-1.30
004	3.3000	-.70	265	11.900	.52									
185	3.0350	-1.01	160	11.725	.36									

* X=Excluded from lab performance S/s=Screened Outlier R=Duplicate Range too large A=Analysis beyond 3-s limits

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 011.01	--	--	Method 012.04	--	--	Method 013.02	--	--	Method 013.13	--	--	Method 018.02	--
226	6.3500	-1.44	051	31.250	1.19	354	10.205	-.45	027	10.393	.71	011	0.0360	-.64
229	6.3450	-1.44	353	29.435	.44	581	10.175	-.51						
660	6.3900 R	-1.45	038	29.285	.43	548	10.425	-.52	--	Method 013.99	--	--	Method 019.00	--
062	6.3465	-1.46	160	29.440	.37	013	10.195	-.58	110	10.350	1.01	623	1.4256	2.35
021	6.3400	-1.47	Avg	28.627		645	10.250	-.62	689	10.000	.23	689	1.3250	.99
574	6.3050	-1.63	278	27.850	-.35	051	10.115	-.64	Avg	9.8933		679	1.3150	.92
294	6.3000	-1.63	510	24.500	-1.86	208	10.040	-.80	527	9.3300	-1.19	658	1.2570	.27
710	6.2600	-1.80				026	9.9300	-1.02	294	7.2150 S	-5.67	681	1.2700	.24
407	6.2350	-1.96	--	Method 012.11	--	001	9.8800 X	-1.14				552	1.2600	.17
658	6.0500	-2.69	548	35.365	1.07	616	9.7200	-1.45	--	Method 015.00	--	Avg	1.2520	
621	5.5200 s	-4.92	713	35.165	.97	098	9.6100	-1.67	520	34.500	1.49	651	1.2485	-.12
			588	33.440	.11	307	9.1500	-2.60	345	31.350	.97	620	1.2354	-.24
--	Method 011.99	--	Avg	33.265		011	8.3000 s	-4.31	616	26.100 R	.96	622	1.2194	-.50
305	7.2100	1.52	672	31.655	-.82				154	31.250	.96	194	1.2150	-.51
728	6.6550	.48	178	30.700	-1.31	--	Method 013.10	--	353	29.450	.77	625	1.2050	-.72
Avg	6.5575					631	11.340 s	4.18	021	27.450	.32	175	1.1600	-1.25
265	6.3700	-.08	--	Method 013.02	--	660	10.545 R	1.84	Avg	25.485		621	1.1400	-1.52
684	5.9950	-.77	038	11.640	2.45	672	10.500	1.62	560	23.950	-.34			
554	5.7800 S	-1.17	202	11.230 R	1.73	096	10.450	1.44	011	21.753	-.62	--	Method 019.01	--
			676	11.035	1.23	673	10.350	1.14	169	19.750	-.95	720	1.5050 s	3.86
--	Method 012.00	--	650	11.025	1.22	042	10.275	.90	164	18.400	-1.17	529	1.4400	2.75
673	33.700	1.49	643	11.015	1.19	539	10.155	.60	510	17.000	-1.40	307	1.3750 R	1.81
178	32.100	.70	065	10.885	.92	688	10.150	.54				065	1.3475 R	1.41
567	31.450	.38	139	10.850 X	.85	591	10.040	.26	--	Method 017.00	--	026	1.3600	1.40
559	31.100	.21	175	10.800	.85	160	10.015	.11	353	7.6650	1.35	674	1.3500	1.23
548	30.845	.08	121	10.735	.66	Avg	9.9779		045	7.5000	.97	650	1.3450	1.21
Avg	30.678		003	10.735	.62	177	9.9750	-.17	560	7.3300	.57	004	1.3450	1.16
689	30.450	-.13	229	10.725	.61	185	9.9200	-.18	Avg	6.8658		034	1.3450	1.13
672	30.050 R	-.44	039	10.676	.51	407	9.7800	-.61	510	6.4900	-.45	675	1.3400	1.06
354	29.185	-.74	505	10.570	.45	350	9.7707	-.65	693	6.4500	-.65	035	1.3250	.79
653	26.595	-2.01	033	10.640	.43	610	9.7500	-.71	345	5.7600	-1.33	010	1.3100	.63
			035	10.595	.34	353	9.5700	-1.24				722	1.3140	.60
--	Method 012.01	--	675	10.450	.19	629	9.5700	-1.24	--	Method 017.99	--	139	1.3125	.58
185	26.515	.71	Avg	10.429		714	9.3760	-1.87	307	10.090	.71	038	1.3100	.56
			164	10.425	-.13							036	1.3110	.56
--	Method 012.03	--	511	10.320	-.22	--	Method 013.12	--	--	Method 018.02	--	178	1.3050	.52
098	30.350	.88	171	10.350	-.23	672	10.070	.00	567	0.2500	1.32	205	1.3050	.46
Avg	29.045		100	10.310	-.25				Avg	0.1087		098	1.3050	.46
684	27.740	-.85	510	10.250	-.38				154	0.0400	-.60	350	1.3030	.42

* X=Excluded from lab performance S/s=Screened Outlier R=Duplicate Range too large A=Analysis beyond 3-s limits

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 019.01	--	--	Method 019.05	--	--	Method 019.05	--	--	Method 019.99	--	--	Method 021.02	--
263	1.3026	.41	242	1.4000	2.15	645	1.1294	-2.30	588	1.3995	1.24	510	2.8750	1.46
152	1.3000	.40	413	1.3600	1.53				692	1.3850	1.12	616	2.6650	1.20
354	1.3000	.40	029	1.3555	1.42	--	Method 019.08	--	725	1.2900	.23	021	2.4500	.87
014	1.2915	.26	003	1.3300	1.00	689	1.3700	1.21	Avg	1.2900		029	2.3650	.72
505	1.2900	.26	510	1.3250	.95	673	1.3650	.77	121	1.2505	-.46	171	2.3500	.71
169	1.2800	.17	100	1.3200	.85	Avg	1.3370		629	1.2300	-.69	504	2.2100	.56
731	1.2800	.17	185	1.3195	.83	590	1.3200	-.46	665	1.1850	-1.40	567	2.0500	.45
208	1.2875	.16	011	1.3162	.77	729	1.3350	-.68	--	Method 020.00	--	154	2.0500	.28
669	1.2850	.14	051	1.3150	.76	138	1.2950	-1.33	164	3.5500	.50	038	1.9550	.20
563	1.2825	.07	164	1.3150	.76				Avg	3.4553		Avg	1.8656	
Avg	1.2787		598	1.3150	.76	--	Method 019.09	--	722	3.3605	-1.12	011	1.8203	-.07
018	1.2750	-.11	407	1.3100	.67	616	1.6700 s	4.92				693	1.6850	-.27
039	1.2590	-.35	229	1.3000	.53	042	1.5650 S	3.52	--	Method 020.01	--	560	1.1050	-1.11
609	1.2700	-.37	405	1.2950	.43	190	1.4650	2.19	021	3.6000	1.34	169	0.9050	-1.39
233	1.2550	-.41	144	1.2850	.36	047	1.3915 S	2.09	171	3.4000	1.02	106	0.7950	-1.55
019	1.2550	-.48	512	1.2750	.34	160	1.4413	1.87	096	3.0000	.49	572	0.7030	-1.69
122	1.2500	-.49	208	1.2745	.32	567	1.3300 R	1.01	154	2.8500	.35	--	Method 021.99	--
612	1.2450	-.63	148	1.2750	.26	154	1.3726	.98	Avg	2.6271		673	3.8500	1.25
363	1.2300	-.90	560	1.2800	.18	096	1.3500	.93	567	2.6100	-.25	Avg	2.1967	
687	1.2200	-1.06	171	1.2800	.18	027	1.3600	.88	011	2.2915	-.61	017	1.5000	-.65
108	1.2150	-1.09	682	1.2800	.18	202	1.3600	.79	560	1.9400	-.96	610	1.2400	-.72
278	1.2150	-1.11	226	1.2700	.16	199	1.3485	.63	510	1.3250	-1.71			
653	1.2115	-1.15	074	1.2750	.12	009	1.3350	.45				--	Method 022.01	--
588	1.2100	-1.17	Avg	1.2693		035	1.3300	.41				307	59.550 s	16.88
670	1.2100	-1.18	425	1.2600	-.15	726	1.3050	.34	--	Method 020.99	--	014	27.500 R	1.84
305	1.2070	-1.22	294	1.2550	-.34	017	1.3050	.08	616	3.7800	.91	653	29.590	1.22
001	1.2025	-1.33	168	1.2500	-.36	Avg	1.3013		553	3.4200	.42	505	29.500	1.15
710	1.1700	-1.86	610	1.2595	-.45	021	1.2910	-.14	Avg	3.1233		689	29.500	1.15
142	1.1500 R	-2.35	553	1.2350	-.57	357	1.2850	-.23	675	2.1700	-1.23	354	29.500	1.13
631	1.1150	-2.80	187	1.2300	-.65	037	1.2850	-.29	--	Method 021.01	--	731	29.350	1.08
			026	1.2300	-.67	110	1.2720	-.41	689	2.4000	1.21	590	28.500	.87
--	Method 019.03	--	265	1.2200	-.83	353	1.2700	-.44	164	2.0000	.46	038	28.500	.65
686	1.3700	.91	520	1.2500 R	-.88	045	1.2700	-.44	Avg	1.7674		563	28.210	.45
026	1.3700	.80	358	1.2150	-.93	309	1.2380	-.94	208	1.5450	-.42	350	28.150	.41
Avg	1.3396		548	1.2091	-1.01	028	1.2300	-.96	722	1.1245	-1.29	208	28.100	.39
048	1.3200	-.49	083	1.2050	-1.06	572	1.2300	-1.03				588	28.000	.33
036	1.2985	-1.33	550	1.1610	-1.79	693	1.2160	-1.14				178	27.500	.27
			300	1.1550	-1.93	345	1.2150	-1.17				278	27.800	.23
			089	1.1500	-1.96	106	1.1550	-1.96						

* X=Excluded from lab performance S/s=Screened Outlier R=Duplicate Range too large A=Analysis beyond 3-s limits

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 022.01	--	--	Method 022.03	--	--	Method 022.99	--	--	Method 025.03	--	--	Method 025.05	--
Avg	27.363		185	26.000	-.33	692	33.850	1.52	405	477.50 s	18.18	045	214.50	.32
646	27.325	-.07	300	26.605	-.52	Avg	27.815		512	223.00 R	1.80	017	211.00	.23
098	27.000	-.19	083	25.500	-.54	673	27.300	-.14	100	228.50	1.77	726	210.51	.16
004	26.500	-.52	510	25.500	-.54	725	26.350	-.39	029	223.25	1.56	Avg	208.51	
674	27.000	-.56	550	25.404	-.76	121	23.760	-1.01	553	225.00	1.54	353	208.40	-.04
669	25.600	-.96	358	24.435	-.93	--	Method 024.01	--	074	222.00	1.34	199	205.25	-.16
675	25.525	-.98	026	23.750	-1.16	208	0.9850	-.71	171	214.50	.92	693	205.00	-.18
305	25.450	-1.01	208	21.500	-1.98	--	Method 025.01	--	083	211.00	.63	154	206.50	-.24
013	25.750	-1.25	405	21.150	-2.12	675	288.38 s	4.28	520	210.50	.59	345	202.00	-.35
529	26.450 R	-1.37	003	13.500 s	-4.92	098	240.50	1.73	164	210.00	.56	169	200.50	-.40
035	24.500	-1.52	--	Method 022.05	--	035	232.00	1.28	510	209.50	.52	567	201.50	-.51
710	22.500	-2.56	042	38.200 s	5.56	038	222.00	.75	229	207.00	.36	294	194.15	-.71
175	22.000 s	-3.51	035	35.000 s	3.94	350	221.90	.73	011	206.49	.33	037	192.50	-.79
722	3.6230 s	-12.44	294	34.870 A	3.73	669	220.93	.68	610	205.00	.24	309	184.70	-1.26
--	Method 022.03	--	202	32.000	2.28	529	220.10	.64	413	205.00	.23	106	178.50	-1.48
265	40.500 s	5.03	160	30.700	1.59	731	215.00	.38	Avg	201.62		096	170.00	-1.97
187	33.770	2.55	353	30.165	1.33	307	214.40	.36	148	201.50	-.03	--	Method 025.99	--
144	32.300	2.08	345	29.800	1.08	563	214.35	.34	226	200.00	-.17	121	220.30	1.20
598	29.500 R	1.60	038	29.300	.89	674	212.50	.27	598	197.00	-.30	725	219.80	.93
074	29.000 R	1.35	190	29.280	.82	208	213.00	.26	187	197.12	-.32	Avg	215.78	
029	29.690	1.04	154	28.850	.58	505	212.00	.23	548	198.74	-.47	692	215.00	-.38
553	28.250	.87	017	28.000	.54	Avg	208.14		265	200.00	-.47	673	208.00	-1.03
520	29.000	.86	021	28.400	.54	004	207.00	-.08	144	193.70	-.53	--	Method 026.00	--
171	28.850	.78	199	28.370	.32	588	201.50	-.36	242	191.00	-.70	567	0.2850	-.71
164	27.500	.59	Avg	27.754		710	200.00	-.44	003	190.50	-.79	--	Method 027.01	--
560	28.400	.56	357	27.000	-.40	354	199.35	-.47	026	185.50	-1.07	722	1.6595 s	150.75
413	27.950	.42	309	27.235	-.40	278	200.00	-.48	407	184.50	-1.13	720	0.1950 s	3.18
229	27.500	.29	027	27.065	-.51	175	187.00 R	-1.19	208	177.50	-1.59	307	0.1850	2.19
548	27.446	.23	045	26.500	-.71	689	177.00	-1.66	560	177.00	-1.75	175	0.1650 R	1.52
407	27.320	.16	616	26.350	-.74	014	176.50	-1.70	550	172.03	-2.03	675	0.1750	1.23
242	27.000	.04	169	26.250	-.79	670	162.80	-2.42	--	Method 025.05	--	731	0.1755	1.18
Avg	26.892		096	27.500 R	-.80	305	115.20 s	-4.95	042	254.50	2.28	038	0.1700	.65
148	26.600	-.15	726	26.230	-.84	720	0.0200 s	-11.09	572	246.50	1.88	035	0.1700	.62
512	26.350	-.20	037	26.100	-.87				616	224.50 R	1.53	098	0.1700	.62
100	26.500	-.23	106	26.050	-.90				038	226.50	.91	505	0.1650	.52
226	26.500	-.23	567	26.000	-.92				021	223.50	.74	609	0.1650	.52
610	26.100	-.29	693	25.950	-.95				160	221.65	.65			
011	26.098	-.29	572	25.000	-1.44				190	221.11	.62			

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Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 027.01	--	--	Method 027.03	--	--	Method 027.05	--	--	Method 028.03	--	--	Method 028.05	--
169	0.1650	.52	598	0.1600	-.15	110	0.1510	-1.34	003	42.500 s	4.07	202	37.500	.86
563	0.1678	.42	242	0.1600	-.15	345	0.1470	-1.69	510	39.000	2.18	038	37.900	.81
650	0.1667	.29	265	0.1600	-.15				405	37.500	1.43	357	37.500	.62
208	0.1650	.15	407	0.1590	-.30	--	Method 027.99	--	598	37.500	1.43	027	37.140	.45
263	0.1652	.13	144	0.1565	-.73	588	0.6310 s	56.10	100	36.500	.93	693	36.500	.27
529	0.1650	.11	148	0.1555	-.88	725	0.1700	1.19	548	35.453	.73	616	36.150	.19
Avg	0.1639		083	0.1550 R	-1.22	009	0.1660	.49	029	35.735	.69	345	36.350	.11
139	0.1632	-.09	358	0.1550 R	-1.22	Avg	0.1603		074	36.000	.63	726	36.310	.10
350	0.1624	-.17	300	0.1550 R	-1.32	692	0.1600	-.02	185	36.000	.63	Avg	36.127	
278	0.1600	-.39	548	0.1509	-1.61	673	0.1450	-1.36	011	35.930	.60	353	35.665	-.22
305	0.1600	-.39	550	0.1510	-1.63				083	35.000	.53	567	35.500	-.34
014	0.1620	-.54	187	0.1500	-1.71	--	Method 028.01	--	187	35.570	.45	045	36.000	-.43
710	0.1550	-1.03	208	0.1470	-2.18	646	45.900 s	4.06	413	35.600	.44	294	34.930	-.51
646	0.1500	-1.40	520	0.1450 R	-2.62	178	39.500 S	2.34	512	35.510	.38	017	35.500	-.69
588	0.1465	-1.75				529	39.250	1.68	407	35.290	.27	169	34.250	-.80
142	0.1400	-2.41	--	Method 027.05	--	014	36.000 R	1.48	560	35.100	.23	037	33.750	-1.14
			042	0.2030 s	5.08	563	37.350	1.03	Avg	34.771		106	33.400	-1.19
--	Method 027.03	--	035	0.1950 s	4.16	208	36.500	.76	148	34.500	-.15	309	35.710 R	-1.39
003	0.1900 s	4.82	160	0.1792	2.24	035	36.500	.76	171	34.500	-.29	572	32.900	-1.39
074	0.1700	1.42	693	0.1630 R	1.59	669	36.415	.73	242	34.000	-.40	154	31.750	-1.87
100	0.1700	1.42	616	0.1715	1.28	350	36.000	.57	229	34.000	-.40			
405	0.1700	1.42	309	0.1711	1.23	505	36.000	.57	144	33.550	-.64	--	Method 028.99	--
413	0.1700	1.42	357	0.1650	.78	307	35.500	.52	520	34.000	-.65	725	39.150	1.32
011	0.1694	1.32	726	0.1650	.78	731	35.550	.42	226	33.500	-.71	692	37.100	.19
610	0.1685	1.19	038	0.1645	.70	038	35.000	.41	265	33.500	-.71	Avg	36.760	
029	0.1678	1.10	199	0.1649	.48	588	35.000	.23	164	33.500	-.71	121	36.240	-.30
164	0.1650 R	1.01	027	0.1645	.47	004	34.500	.18	550	33.277	-.78	673	34.550	-1.27
185	0.1637	.45	154	0.1625	.46	675	34.405	.09	553	34.000 R	-.87			
026	0.1620	.39	021	0.1640	.38	Avg	34.341		026	32.000	-1.49	--	Method 029.00	--
171	0.1630	.32	Avg	0.1609		098	33.500	-.33	300	31.565	-1.73	675	0.0035	.71
553	0.1620	.17	567	0.1600	-.11	710	32.500	-.65	208	30.000	-2.46			
Avg	0.1609		096	0.1600	-.11	590	30.775	-1.22	610	3.4600 s	-16.17	--	Method 029.99	--
294	0.1600	-.15	202	0.1600	-.11	278	30.500	-1.32				096	0.0070	.71
051	0.1600	-.15	017	0.1600	-.11	175	32.000 R	-1.58	--	Method 028.05	--			
226	0.1600	-.15	037	0.1600	-.11	354	29.225	-1.77	035	51.000 s	6.45	--	Method 031.00	--
425	0.1600	-.15	572	0.1535	-.89	689	28.000	-2.16	042	41.050	2.17	199	1.1230	.71
510	0.1600	-.15	353	0.1550	-.93	305	20.350 s	-4.77	160	40.100	1.70			
229	0.1600	-.15	045	0.1500	-1.31	722	4.9345 s	-10.03	096	36.500	1.07			
560	0.1600	-.15	106	0.1500	-1.32				021	38.150	.87			

* X=Excluded from lab performance S/s=Screened Outlier R=Duplicate Range too large A=Analysis beyond 3-s limits

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 031.01	--	--	Method 031.01	--	--	Method 031.05	--	--	Method 031.05	--	--	Method 032.01	--
591	2.6600 s	45.36	175	1.1450	-.60	160	1.2799	2.39	353	1.1500	-.43	674	1.2350 s	10.81
621	1.4100 s	7.46	658	1.1415	-.69	003	1.2400	1.65	294	1.1350	-.47	529	0.8250	2.61
728	1.2750 A	3.36	233	1.1400	-.74	598	1.2350	1.51	106	1.1550	-.50	307	0.7650	1.42
035	1.2500	2.62	263	1.1370	-.83	035	1.2250	1.40	017	1.1250	-.66	675	0.7400	.94
194	1.2450	2.45	152	1.1350	-.90	610	1.2165	1.19	051	1.1250	-.72	720	0.7350	.83
108	1.1700 R	1.53	169	1.1350	-.90	074	1.2150	1.15	242	1.1200	-.75	205	0.7240	.69
625	1.2050	1.32	205	1.1350	-1.00	042	1.2150	1.15	144	1.1200	-.78	175	0.7250	.63
142	1.2000	1.08	350	1.1294	-1.15	345	1.2100	1.03	572	1.1200	-.85	098	0.7100	.38
679	1.1950	.94	034	1.1350 R	-1.17	202	1.2100	1.03	045	1.1150	-.86	563	0.7052	.23
675	1.1950	.94	646	1.1250	-1.20	027	1.2050	.96	645	1.1144	-.90	208	0.7000	.15
098	1.1900	.84	710	1.1150	-1.50	187	1.2050	.96	265	1.1100	-.95	278	0.6950	.10
026	1.1900	.84	363	1.1150	-1.56	693	1.1720 R	.92	171	1.1100	-.97	Avg	0.6937	
139	1.1890	.80	596	1.1000	-1.95	164	1.2050	.92	208	1.1075	-1.02	350	0.6931	-.02
036	1.1885	.73	670	1.0800	-2.56	405	1.2050	.92	226	1.1050	-1.09	035	0.6900	-.07
354	1.1850	.65	609	1.0300 s	-4.08	096	1.2000	.82	425	1.1000	-1.15	710	0.6850	-.20
010	1.1850	.65	122	0.9350 s	-6.96	520	1.2000	.82	548	1.0976	-1.19	650	0.6800	-.34
626	1.1850	.65	588	0.1580 s	-30.52	029	1.1860	.80	154	1.0966	-1.22	609	0.6800	-.34
731	1.1850	.65	--	Method 031.02	--	309	1.1980	.79	168	1.0850	-1.44	354	0.6750	-.39
019	1.1750	.56	014	1.5160 s	26.70	037	1.1900	.65	028	1.0850	-1.47	038	0.6660	-.55
065	1.1730	.36	004	1.1950	.72	726	1.1900	.65	100	1.0750	-1.64	505	0.6650	-.58
038	1.1750	.36	011	1.1857	.15	009	1.1735	.65	300	1.0970 R	-1.83	139	0.6585	-.70
669	1.1750	.36	Avg	1.1836		413	1.1850	.60	550	1.0520	-2.09	305	0.6450	-.97
687	1.1700	.35	505	1.1700	-1.40	185	1.1870	.56	089	1.0400	-2.32	670	0.6250	-1.37
629	1.1700	.35	--	Method 031.03	--	560	1.1850	.53	--	Method 031.06	--	142	0.5750	-2.36
178	1.1700	.35	720	1.3050	1.66	512	1.1650	.47	686	1.1400	.71	--	Method 032.02	--
653	1.1700	.30	504	1.2100	.22	407	1.1800	.43	Avg	1.1400		169	0.7700	1.60
529	1.1700	.17	Avg	1.1958		510	1.1800	.43	138	0.9950 S	-10.31	731	0.7255	.65
278	1.1650	.15	026	1.1900	-.18	110	1.1720	.27	--	Method 031.99	--	665	0.7200	.49
620	1.1671	.15	036	1.1490	-.71	021	1.1675	.26	729	1.2250	1.55	588	0.7040	.14
039	1.1690	.15	208	1.1250	-1.08	567	1.1600	.20	631	1.1850	.87	Avg	0.6975	
722	1.1680	.13	048	1.0700 R	-2.00	682	1.1600	.03	673	1.1750	.70	504	0.6730	-.56
Avg	1.1643		013	0.8800 S	-4.80	Avg	1.1583		590	1.1400	.11	590	0.6450	-1.15
511	1.1600	-.13	--	Method 031.05	--	553	1.1550	-.12	Avg	1.1338		108	0.6450	-1.27
622	1.1587	-.19	616	1.6150 s	8.97	229	1.1550	-.12	552	1.1300	-.18	--	Method 032.05	--
563	1.1567	-.23	190	1.3200 S	3.18	357	1.1500	-.16	588	1.0955	-.65	185	3.4625 s	104.42
689	1.1550	-.32	038	1.3100 S	3.08	121	1.1525	-.20	692	1.0600	-1.30	160	0.7752	2.43
018	1.1600	-.33	--	Method 031.05	--	083	1.1450	-.28	725	1.0600	-1.30	567	0.7500 R	1.84
305	1.1500	-.53	616	1.6150 s	8.97	148	1.1550	-.30						
651	1.1445	-.60	190	1.3200 S	3.18	358	1.1400	-.41						

* X=Excluded from lab performance S/s=Screened Outlier R=Duplicate Range too large A=Analysis beyond 3-s limits

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 032.05	--	--	Method 032.05	--	--	Method 033.01	--	--	Method 033.03	--	--	Method 035.00	--
226	0.7500	1.68	553	0.6580	-.77	686	1.0400 s	2.91	265	0.4800 S	-10.13	710	0.4950	.31
110	0.7475	1.60	051	0.6550	-.85	021	1.0300	2.74	122	0.2000 S	-17.62	098	0.4950	.31
106	0.7470	1.58	550	0.6685	-.87	710	1.0300	2.74				278	0.4900	.31
294	0.7250	1.01	345	0.6535	-.88	226	0.9500	1.33	--	Method 033.05	--	208	0.4865	.16
083	0.7250	1.01	309	0.6545	-.99	610	0.9425	1.20	171	0.8500	.71	Avg	0.4849	
610	0.7225	.99	242	0.6450	-1.11	096	0.9200	.82				650	0.4800	-.13
096	0.7000 R	.86	358	0.6400	-1.24	278	0.9150	.72	--	Method 033.99	--	529	0.4790	-.16
229	0.7150	.75	425	0.6350	-1.38	164	0.8800 R	.54	681	0.9750	1.20	205	0.4750	-.30
042	0.7150	.74	187	0.6300	-1.50	098	0.8850	.32	Avg	0.7817		038	0.4740	-.31
560	0.7125	.67	300	0.6419 R	-1.63	202	0.8900	.28	673	0.7500	-.35	722	0.4635	-.58
144	0.7055	.67	645	0.6227	-1.75	205	0.8780	.27	552	0.6200	-.97	354	0.4550	-.82
616	0.7120	.66	548	0.6109	-2.02	026	0.8800	.10				670	0.4500	-.95
726	0.7100	.66	208	0.5810	-2.79	Avg	0.8741		--	Method 034.01	--	139	0.4495	-.96
011	0.7109	.63	265	0.5450 s	-3.74	242	0.8700	-.07	038	0.4940	.63	363	0.4450	-1.09
164	0.6900	.53				175	0.8650	-.18	Avg	0.4918		609	0.4300	-1.49
693	0.6905	.50	--	Method 032.99	--	100	0.8700	-.19	560	0.4895	-1.05	675	0.3850	-2.72
405	0.7050	.49	673	0.9000 S	16.18	178	0.8550	-.35						
413	0.7050	.49	725	0.6650	1.12	307	0.8550	-.35	--	Method 034.04	--	--	Method 035.01	--
520	0.7050	.49	Avg	0.6575		194	0.8550	-.35	610	0.5545 S	9.44	563	0.4972	1.15
009	0.6933	.47	692	0.6500	-.50	559	0.8500	-.42	169	0.4800	1.32	Avg	0.4896	
021	0.6996	.46				011	0.8467	-.48	Avg	0.4750		138	0.4880	-.62
148	0.6965	.30	--	Method 033.00	--	354	0.8450	-.52	164	0.4750	-.59	686	0.4835	-.90
003	0.6900	.28	618	2.9485 s	47.67	229	0.8450	-.52	572	0.4700	-.64			
035	0.6950	.25	731	0.8850	1.48	199	0.8450	-.52	208	0.4060 S	-8.16	--	Method 035.03	--
171	0.6945	.25	539	0.8800	1.43	413	0.8400	-.60				567	4.6000 s	155.99
199	0.6921	.14	169	0.8700 R	1.39	425	0.8250	-.87	--	Method 034.05	--	042	0.5385	2.47
154	0.6917	.13	596	0.8500	.95	590	0.8250	-.87	154	0.4860	.71	598	0.5350	2.39
026	0.6880	.11	160	0.8250	.57	106	0.8190	-.97				560	0.5255	1.96
510	0.6900	.08	208	0.8100	.44	650	0.8200	-1.01	--	Method 035.00	--	413	0.5100	1.43
407	0.6900	.08	045	0.8000	.36	038	0.8150	-1.04	263	0.5544	1.89	100	0.5050	1.20
Avg	0.6870		309	0.8022	.23	510	0.8100	-1.12	122	0.5350	1.37	610	0.5025	1.10
037	0.6850	-.14	693	0.7930	.12				152	0.5250	1.10	164	0.4950	.99
017	0.6800	-.18	Avg	0.7869		--	Method 033.03	--	233	0.5150	.83	037	0.4950	.83
100	0.6800	-.32	407	0.7650	-.34	726	0.9050	1.28	035	0.5150	.83	229	0.4900	.73
357	0.6800	-.32	675	0.7300	-.87	048	0.8700	.33	305	0.5150	.83	202	0.4900	.73
029	0.6857	-.45	353	0.7200	-1.01	Avg	0.8575		307	0.5150	.83	096	0.4850	.71
353	0.6700	-.52	588	0.6950	-1.39	505	0.8400	-.54	175	0.5100	.73	021	0.4894	.61
572	0.6655	-.62	689	0.6750	-1.69	529	0.8150	-1.21	720	0.5000	.49	553	0.4865	.51
045	0.6600	-.71	679	0.4100 s	-5.67	144	0.5250 S	-8.92	142	0.4850	.41	309	0.4854	.49

* X=Excluded from lab performance S/s=Screened Outlier R=Duplicate Range too large A=Analysis beyond 3-s limits

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 035.03	--	--	Method 035.05	--	--	Method 036.03	--	--	Method 037.01	--	--	Method 037.05	--
029	0.4861	.49	169	0.5350	1.27	045	0.3800	-1.06	720	0.0200 s	-15.17	616	221.50 S	3.74
017	0.4850	.47	160	0.5282	1.08	616	0.3680	-1.50				017	196.00	1.62
226	0.4850	.47	504	0.4873 R	.53	708	0.3655	-1.65	--	Method 037.03	--	190	194.65	1.51
726	0.4850	.47	731	0.5025	.52	300	0.3630	-1.75	003	231.00 s	6.71	106	194.00	1.47
548	0.4773	.40	590	0.4970	.40	265	0.2900 s	-4.36	512	189.80 s	2.68	042	193.50	1.43
199	0.4819	.32	294	0.4900	.25	550	0.1560 s	-9.24	510	198.00	2.57	309	189.70	1.12
011	0.4818	.31	Avg	0.4786					413	184.50	1.31	353	184.25	.65
682	0.4800	.24	588	0.4710	-.17	--	Method 036.04	--	011	184.40	1.30	160	183.80	.62
405	0.4750	.20	106	0.4690	-.21	226	0.4050	.87	229	183.00	1.16	027	182.90	.55
407	0.4770	.13	665	0.4250	-1.17	Avg	0.4000		265	178.50	.74	154	180.50	.44
Avg	0.4736		108	0.3900	-1.94	510	0.3950	-.87	171	178.50	.74	021	177.80	.30
171	0.4730	-.04							074	177.50	.69	202	179.00	.23
035	0.4700	-.13	--	Method 035.99	--	--	Method 037.01	--	029	173.55	.65	357	178.00	.15
144	0.4715	-.15	673	0.5450	1.29	722	231.82 s	5.29	100	177.00	.63	Avg	176.44	
148	0.4705	-.27	Avg	0.4950		354	205.65	2.97	548	174.57	.56	726	175.59	-.25
520	0.4650	-.37	725	0.4700	-.64	674	184.00 R	2.29	610	175.50	.46	009	173.45	-.25
572	0.4625	-.44	692	0.4700	-.64	098	179.50	.88	598	175.50	.46	567	172.00	-.40
425	0.4600	-.51				731	181.90	.88	185	173.00	.23	169	171.50	-.41
045	0.4600	-.51	--	Method 036.00	--	563	181.70	.86	407	173.00	.23	096	175.00	-.43
550	0.4655	-.53	307	0.4450	.71	038	180.00	.79	148	172.00	.13	199	167.30	-.76
693	0.4635	-.55				014	178.00	.69	Avg	170.58		572	163.00	-1.14
358	0.4600	-.64	--	Method 036.03	--	675	178.52	.67	560	169.50	-.11	294	161.87	-1.21
051	0.4650	-.65	160	0.4548	1.70	307	178.30	.56	226	170.00	-.19	045	162.50	-1.24
083	0.4550	-.73	169	0.4500	1.50	653	176.64	.41	553	167.50	-.29	693	161.00	-1.28
645	0.4568	-.74	038	0.4365	1.06	529	174.90	.39	164	166.50	-.38	037	161.00	-1.29
154	0.4545	-.78	154	0.4359	1.05	013	175.35	.30	083	166.50	-.41	345	156.15	-1.69
300	0.4620 R	-.84	187	0.4331	.88	350	173.40	.13	242	165.00	-.53			
510	0.4495	-.91	560	0.4235	.53	Avg	172.00		026	162.00	-.80	--	Method 037.99	--
187	0.4500	-.97	171	0.4220	.50	178	171.00	-.09	144	162.40	-.83	121	176.96	1.31
353	0.4500	-.97	353	0.4150	.29	278	168.15	-.41	520	163.50 R	-.96	725	172.05	.50
110	0.4480	-.97	357	0.4150	.29	208	167.00	-.44	405	160.00	-1.00	Avg	168.75	
208	0.4460	-1.04	202	0.4150	.29	669	166.49	-.52	550	159.07	-1.08	673	164.00	-.71
345	0.4450	-1.08	021	0.4119	.12	004	166.00	-.54	168	160.00	-1.09	692	162.00	-1.00
242	0.4450	-1.10	294	0.4100	.04	505	162.50	-.85	300	164.10 R	-1.24			
089	0.4350	-1.47	Avg	0.4090		710	159.50	-1.10	187	157.09	-1.26	--	Method 038.00	--
185	0.4310	-1.61	042	0.4025	-.24	588	159.50	-1.10	358	155.21	-1.50	011	3.2645 s	9.14
616	0.4050	-2.59	106	0.4020	-.39	689	158.50	-1.19	208	147.50	-2.15	154	2.2000	1.16
265	0.3200 s	-5.80	345	0.3910	-.66	035	157.50	-1.28				693	2.1800	1.05
			693	0.3850	-.89	305	156.00	-1.41				038	2.0800	.45

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Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
-- Method 038.00 --			-- Method 105.00 --			-- Method 109.02 --			-- Method 121.05 --			-- Method 126.00 --		
Avg 2.0242			160 13.055		.71	Avg 74.397			626 1.9750		-.71	160 2.1602		1.49
510 1.9500		-.59				208 67.650		-.51				504 2.1200		1.16
560 1.9250		-.67	-- Method 105.01 --			560 50.100		-1.85	-- Method 122.00 --			684 1.9880		.09
169 1.8100		-1.44	208 7.1500		-.71				504 2.7700		1.64	Avg 1.9770		
021 1.4500 s		-3.91				-- Method 109.99 --			160 2.7089		1.08	571 1.9550		-.18
			-- Method 106.00 --			096 55.500		.71	Avg 2.5727			350 1.9180		-.48
-- Method 038.99 --			171 9.0500		-.71				644 2.5705		-.03	644 1.9075		-.59
164 2.5000		.71				-- Method 112.00 --			571 2.5550		-.24	675 1.7900		-1.53
			-- Method 106.02 --			208 14.750		.71	684 2.5375		-.28			
-- Method 039.01 --			003 9416.5 s3473.00						350 2.4470		-1.00	-- Method 126.05 --		
164 2.0000		.71	670 12.775		1.88	-- Method 114.01 --			675 2.4200		-1.23	626 2.0850		.71
			160 12.615		1.82	208 0.1595		.71						
-- Method 039.02 --			038 9.2850		.61				-- Method 122.05 --			-- Method 127.00 --		
154 2.9500		1.57	199 8.3550		.25	-- Method 120.00 --			626 2.4600		.00	504 0.7850		1.80
Avg 2.1609			Avg 7.6888			160 2.8650 S		5.52				571 0.7470		.66
567 2.0350		-.26	563 7.5105		-.07	504 2.4650		1.94	-- Method 124.00 --			Avg 0.7282		
011 1.8935		-.59	610 7.1900		-.19	684 2.2555		.12	160 0.7524		1.89	684 0.7220		-.29
560 1.7650		-.79	208 7.1800		-.20	Avg 2.2531			684 0.5950		.56	160 0.7152		-.38
			021 6.9550		-.28	350 2.2380		-.14	504 0.5350		.14	644 0.7115		-.49
-- Method 040.00 --			096 6.3500		-.49	571 2.2350		-.44	Avg 0.5275			350 0.6885		-1.15
560 7.3950		.71	017 6.0700 R		-.64	644 2.1950		-.53	571 0.5135		-.12	675 0.6900 R		-1.83
			560 5.1650		-.93	675 2.1300		-1.11	644 0.4760		-.43			
-- Method 041.00 --			616 4.9850		-1.00				350 0.4655		-.52	-- Method 127.05 --		
011 0.0803		.71	242 3.9000		-1.40	-- Method 120.05 --			675 0.3550		-1.46	626 0.7650		.71
						626 2.2350		-.71						
-- Method 057.99 --			-- Method 107.00 --						-- Method 125.00 --			-- Method 128.00 --		
171 0.0020		.71	208 29.300		.71	-- Method 121.00 --			504 6.2100 R		2.63	504 1.3950		1.76
						504 2.0150		1.65	160 6.0909		1.68	684 1.2920		.53
-- Method 101.01 --			-- Method 108.02 --			160 1.9598		1.07	684 5.9215		.57	Avg 1.2512		
208 1001.0		.71	560 14.800		1.18	Avg 1.8505			644 5.8580		.15	644 1.2505		-.01
			Avg 7.2730			684 1.8485		-.09	Avg 5.8355			350 1.2385		-.15
-- Method 102.00 --			675 6.3450		-.15	571 1.8350		-.29	675 5.7350		-.66	160 1.2322		-.23
208 63.790		.71	208 0.6740		-1.04	644 1.8105		-.41	571 5.7500		-.72	571 1.2400		-.49
						350 1.7700		-.79	350 5.6575		-1.17	675 1.1100		-1.68
-- Method 104.00 --			-- Method 109.02 --			675 1.7150		-1.33						
208 4.9700		-.71	199 89.050		1.10				-- Method 125.05 --			-- Method 128.05 --		
			675 82.655		.63				626 5.7050		.71	626 1.3150		.71
			610 78.800		.35									
			563 78.126		.28									

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Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
--	Method 129.00	--	--	Method 132.00	--	--	Method 135.00	--	--	Method 138.00	--			
504	3.8100 S	3.27	504	1.7800 S	5.93	160	1.2876	1.43	504	1.6750	1.51			
160	3.6486	1.75	160	1.6532	1.76	504	1.2600	1.13	160	1.6063	.83			
684	3.4980	.39	571	1.6100	.40	571	1.1900	.17	350	1.5270	.08			
Avg	3.4546		644	1.6105	.26	644	1.1875	.07	Avg	1.5185				
644	3.4345	-.18	Avg	1.6030		Avg	1.1829		684	1.5185	-.15			
571	3.4350	-.28	684	1.5990	-.24	684	1.1565	-.36	644	1.4980	-.20			
350	3.4165	-.34	350	1.5805	-.75	350	1.1135	-.94	571	1.4750	-.53			
675	3.2950	-1.43	675	1.5650	-1.25	675	1.0850	-1.46	675	1.3300	-1.79			
--	Method 129.05	--	--	Method 132.05	--	--	Method 135.05	--	--	Method 138.05	--			
626	3.4100	.00	626	1.6350	.71	626	1.2400	.71	626	1.5550	-.71			
--	Method 130.00	--	--	Method 133.00	--	--	Method 136.00	--	--	Method 139.00	--			
504	1.5300 S	5.86	571	2.6250	1.46	684	0.3105	.71	504	0.1650	1.77			
160	1.3711	1.36	504	2.5750	.76				160	0.1246	.06			
350	1.3440	.54	684	2.5380	.12	--	Method 136.01	--	Avg	0.1233				
571	1.3350	.30	Avg	2.5370		160	0.3647	1.29	208	0.1174	-.28			
Avg	1.3258		160	2.4771	-.89	Avg	0.3186		038	0.1085	-.64			
644	1.3245	-.21	644	2.4700	-.99	571	0.2965	-.62	171	0.1010	-.94			
684	1.3150	-.35	675	2.3250 s	-3.43	644	0.2945	-.67						
675	1.2650	-1.76							--	Method 300.01	--			
			--	Method 133.05	--	--	Method 136.99	--	651	0.1500	-.71			
--	Method 130.05	--	626	2.4400	-.71	504	0.3000	.00						
626	1.3550	.71												
--	Method 131.00	--	--	Method 134.00	--	--	Method 137.00	--						
504	0.6750	1.05	160	1.7747	1.93	504	1.3300	1.16						
684	0.6715	.92	571	1.5850	.39	160	1.3239	1.06						
644	0.6545	.52	Avg	1.5371		684	1.2420	.36						
Avg	0.6318		644	1.5080	-.24	Avg	1.1995							
571	0.6260	-.21	504	1.5350	-.28	644	1.1565	-.37						
160	0.6022	-.77	675	1.5050	-.29	675	1.1200	-.76						
350	0.5615	-1.62	684	1.5010	-.37	350	1.0245	-1.49						
675	0.3050 S	-7.52	350	1.3510	-1.50				--	Method 137.05	--			
									626	1.0600	.00			
--	Method 131.05	--	--	Method 134.05	--									
626	0.6600	.00	626	1.6400	-.71									

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Method Evaluation - Z Values Based on 1 Reports

Method Code	Number Of Labs	Avg Bias of Labs	Std Dev of Biases	Std Dev Within Labs	Method Code	Number Of Labs	Avg Bias of Labs	Std Dev of Biases	Std Dev Within Labs
001.00	8	0.0000	0.99	0.27	009.09	13	0.0896	1.03	0.13
001.03	5	-0.1961	1.03	0.25	009.99	2	0.0000	0.91	0.58
001.07	40	-0.1073	1.46	0.54	010.03	3	-3.0224	3.30	1.50
001.99	16	-0.1864	1.21	0.34	010.11	11	-0.6292	2.30	0.08
002.00	3	0.0000	0.06	0.91	010.99	15	-0.3610	1.68	0.51
002.01	6	0.0000	0.89	0.51	011.01	70	-0.0154	1.20	0.23
002.02	9	-0.1300	1.04	0.28	011.99	5	0.0000	1.06	0.07
002.03	3	0.0000	1.10	0.15	012.00	9	-0.0343	0.97	0.11
002.04	6	0.0000	0.99	0.32	012.03	2	0.0000	1.18	0.24
002.05	20	0.0255	1.27	0.20	012.04	6	0.0000	1.03	0.18
002.06	119	-0.0242	1.12	0.42	012.11	5	0.0000	1.06	0.04
002.08	4	0.0000	1.06	0.18	013.02	34	-0.0789	1.24	0.23
002.10	8	0.0000	1.00	0.26	013.10	18	0.3259	1.40	0.26
002.11	12	-0.5096	1.57	0.07	013.99	4	-1.4176	2.97	0.15
002.99	6	0.7966	2.14	0.44	015.00	11	0.0092	0.96	0.33
003.00	24	1.4438	4.14	0.19	017.00	6	0.0000	0.90	0.50
003.01	2	0.0000	0.74	0.69	018.02	3	0.0000	1.07	0.25
003.06	25	-0.0181	0.92	0.42	019.00	13	0.0000	1.00	0.18
003.09	18	1.4639	3.87	0.24	019.01	49	0.0915	1.18	0.27
003.10	31	1.3271	3.64	0.46	019.03	4	0.0000	0.91	0.51
003.11	12	0.0000	1.02	0.07	019.05	39	-0.0082	0.98	0.22
003.12	3	0.0000	1.06	0.29	019.08	5	0.0000	0.85	0.57
003.13	3	0.0000	0.58	0.78	019.09	27	0.3707	1.46	0.44
003.14	11	0.0000	0.99	0.26	019.99	6	0.0000	0.98	0.34
003.99	9	0.0082	0.97	0.13	020.00	2	0.0000	0.25	0.85
004.00	29	0.0378	0.99	0.22	020.01	8	0.0000	1.00	0.27
004.03	2	0.0000	1.18	0.22	020.99	3	0.0000	1.09	0.22
004.06	32	0.1287	1.21	0.22	021.01	4	0.0000	1.00	0.34
004.07	41	0.3461	1.53	0.29	021.02	15	0.0000	1.00	0.16
004.11	11	0.4666	1.83	0.08	021.99	3	0.0000	1.09	0.22
004.99	4	0.0000	1.08	0.08	022.01	28	0.0432	4.16	0.66
005.00	120	-0.0239	2.55	1.60	022.03	32	0.0566	1.56	0.42
005.11	10	2.1032	3.85	0.28	022.05	26	0.4946	1.69	0.41
005.99	12	0.0000	0.96	0.35	022.99	4	0.0000	1.07	0.15
008.02	13	0.3642	1.63	0.12	025.01	24	-0.5374	2.79	0.13
008.08	17	0.0000	1.01	0.12	025.03	29	0.6754	3.50	0.33
008.99	7	0.5363	1.71	0.21	025.05	22	0.0359	0.98	0.34
009.04	2	0.9602	1.36	0.95	025.99	4	0.0000	0.70	0.71
009.07	12	0.0000	1.02	0.08	027.01	26	5.9230	29.56	0.42

Method Evaluation - Z Values Based on 1 Reports

Method Code	Number Of Labs	Avg Bias of Labs	Std Dev of Biases	Std Dev Within Labs	Method Code	Number Of Labs	Avg Bias of Labs	Std Dev of Biases	Std Dev Within Labs
027.03	34	-0.0027	1.31	0.44	120.00	7	0.7887	2.29	0.20
027.05	24	0.3935	1.58	0.46	121.00	7	0.0000	1.02	0.17
027.99	5	7.9915	17.89	17.62	122.00	7	0.0000	1.01	0.22
028.01	25	-0.3734	2.56	0.55	124.00	7	0.0000	1.03	0.16
028.03	31	-0.4056	3.15	0.33	125.00	7	0.3491	1.31	0.42
028.05	24	0.2560	1.57	0.53	126.00	7	0.0000	1.03	0.13
028.99	4	0.0000	1.06	0.19	127.00	7	-0.1588	0.99	0.64
031.01	55	0.2528	7.65	0.33	128.00	7	0.0000	1.00	0.26
031.02	4	4.8093	9.64	9.28	129.00	7	0.4555	1.53	0.29
031.03	7	-0.9580	2.03	0.25	130.00	7	0.8210	2.36	0.51
031.05	64	0.2217	1.56	0.32	131.00	7	-1.0739	2.99	0.21
031.06	2	-5.1265	7.25	0.90	132.00	7	0.8270	2.37	0.57
031.99	8	0.0000	1.02	0.19	133.00	6	-0.5216	1.54	0.67
032.01	23	0.4683	2.45	0.23	134.00	7	0.0000	1.02	0.17
032.02	7	0.0000	1.01	0.25	135.00	7	0.0000	0.99	0.28
032.05	55	1.2768	9.93	10.05	136.01	3	0.0000	1.12	0.05
032.99	3	5.3889	9.35	0.69	137.00	6	0.0000	1.03	0.20
033.00	16	1.7563	8.38	8.72	138.00	7	0.0000	1.02	0.20
033.01	30	0.1004	1.10	0.16	139.00	5	0.0000	1.05	0.13
033.03	7	-5.2345	7.11	0.32					
033.99	3	0.0000	1.07	0.26					
034.01	2	0.0000	0.66	0.73					
034.04	5	0.2482	6.23	0.73					
035.00	25	0.0000	1.00	0.16					
035.01	3	0.0000	1.00	0.41					
035.03	52	2.8797	21.68	0.28					
035.05	10	0.0189	0.96	0.21					
035.99	3	0.0000	1.11	0.07					
036.03	22	-0.6174	2.33	0.23					
036.04	2	0.0000	0.87	0.61					
037.01	26	-0.3399	3.33	0.45					
037.03	33	0.1869	1.39	0.78					
037.05	25	0.1495	1.22	0.19					
037.99	4	0.0000	1.03	0.29					
038.00	8	0.5485	3.46	1.50					
039.02	4	0.0000	1.06	0.16					
106.02	14	247.9952	928.09	15.24					
108.02	3	0.0000	1.12	0.06					
109.02	6	0.0000	1.04	0.13					